DEPARTMENT OF THE ARMY ARMY NATIONAL GUARD

FISCAL YEAR (FY) 2016

President's Budget Submission

MILITARY CONSTRUCTION





JUSTIFICATION DATA SUBMITTED TO CONGRESS FEBRUARY 2015

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The estimated cost of this report for the Department of Defense is approximately \$6,201.05 for Fiscal Year 2015. This includes \$433.65 in expenses and \$5,767.40 in DoD labor.

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DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2016 ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION	REQUEST	APPROPRIATION REQUEST	MISSION	PAGE
Connect	icut 090071	Camp Hartell READY BUILDING	11,000	11,000	С	1
		Subtotal Camp Hartell	\$ 11,000	11,000		
		* TOTAL MCNG FOR Connecticut	\$ 11,000	11,000		
Delawar	e 100082	Dagsboro NATIONAL GUARD VEHICLE MAINTENANCE SHOP	0	10,800	С	9
		Subtotal Dagsboro	\$ 0	10,800		
		* TOTAL MCNG FOR Delaware	\$ 0	10,800		
Florida	120173	Palm Coast NATIONAL GUARD READINESS CENTER	18,000	18,000	С	15
		Subtotal Palm Coast	\$ 18,000	18,000		
		* TOTAL MCNG FOR Florida	\$ 18,000	18,000		
Illinoi	S	Sparta				
	171001	BASIC 10M-25M FIRING RANGE (ZERO)	1,900	1,900	С	23
		Subtotal Sparta	\$ 1,900	1,900		
		* TOTAL MCNG FOR Illinois	\$ 1,900	1,900		
Kansas	200112 200113	Salina AUTOMATED COMBAT PISTOL/MP FIREARMS QUALIFI MODIFIED RECORD FIRE RANGE	2,400	2,400 4,300		29 37
		Subtotal Salina	\$ 6,700	6,700		
		* TOTAL MCNG FOR Kansas	\$ 6,700	6,700		

DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2016 ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	REQUEST	N APPROPRIATION C REQUEST M	ISSION	PAGE
Marylan	ad 240173	Easton NATIONAL GUARD READINESS CENTER	13,800	13,800	С	45
		Subtotal Easton	\$ 13,800	13,800		
		* TOTAL MCNG FOR Maryland	\$ 13,800	13,800		
Nevada	320075	Reno NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD	8,000	8,000	С	53
		Subtotal Reno	\$ 8,000	8,000		
		* TOTAL MCNG FOR Nevada	\$ 8,000	8,000		
Ohio	390290	Camp Ravenna MODIFIED RECORD FIRE RANGE	3,300	3,300	С	61
		Subtotal Camp Ravenna	\$ 3,300	3,300		
		* TOTAL MCNG FOR Ohio	\$ 3,300	3,300		
Oregon	410301	Salem NATIONAL GUARD/RESERVE CENTER ADD (JFHQ)	16,500	16,500	С	69
		Subtotal Salem	\$ 16,500	16,500		
		* TOTAL MCNG FOR Oregon	\$ 16,500	16,500		
Pennsyl	vania 420522	Fort Indiantown Gap TRAINING AIDS CENTER	16,000	16,000	С	75
		Subtotal Fort Indiantown Gap	\$ 16,000	16,000		
		* TOTAL MCNG FOR Pennsylvania	\$ 16,000	16,000		

DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2016

ARMY NATIONAL GUARD

STATE	PROJECT	CITY/INSTALLATION	AUTH	HORIZATION	APPROPRIATION	NEW/ CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST		PAGE
Vermont	:	North Hyde Park					
	500079	NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD		7,900	7,900	C	81
		Galabata I North World Book	<u> </u>	7.000	7,000		
		Subtotal North Hyde Park	\$	7,900	7,900		
		* TOTAL MCNG FOR Vermont	\$	7,900	7,900		
Virgini	2	Richmond					
VIIGIII	510065	NATIONAL GUARD/RESERVE CENTER BUILDING (JFH		29,000	29,000	С	87
		Subtotal Richmond	\$	29,000	29,000		
		* TOTAL MCNG FOR Virginia	\$	29,000	29,000		
			·	,			
Washing	530041	Yakima		0	10.000	С	95
	530041	ENLISTED BARRACKS, TRANSIENT TRAINING		U	19,000	C	95
		Subtotal Yakima	\$	0	19,000		
		* TOTAL MCNG FOR Washington	\$	0	19,000		
Worldwi	de Unspecifie	ed					
		Minor Construction					
		Unspecified Minor Construction		0	15,000		101
		Subtotal Minor Construction	\$	0	15,000		
		Substituti Milior Compertention	¥	o o	13,000		
		Planning and Design					
		Planning and Design		0	20,337		103
		Subtotal Planning and Design	\$	0	20,337		
			*				
		* TOTAL MCNG FOR Worldwide Unspecified	\$	0	35,337		
** A	ARMY NATIONAL	GUARD TOTAL	\$	132,100	197,237		
				. ,			

DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2016

ARMY NATIONAL GUARD

STATE		CITY/INSTALLATION			NEW/	
	PROJECT		AUTHORIZATION	APPR	OPRIATION CURRENT	
	NUMBER	PROJECT TITLE	REQUEST		REQUEST MISSION	PAGE
		Total Cost of New Mission Projects	(0)	\$	0	
		Total Cost of Current Mission Projects	(12)	\$	161,900	
		Total Cost of other line items	(2)	\$	35,337	
		Total Cost of FY 2016 MCNG Projects	(16)	\$	197,237	

APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, and contributions therefore, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and Military Construction Authorization Acts \$197,237,000 to remain available until 30 September 2020. Provided, That of the amount appropriated, not to exceed \$20,337,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Director of the Army National Guard determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

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SPECIAL PROGRAM CONSIDERATIONS

SEC. 2612. EXTENSION OF AUTHORIZATION OF CERTAIN FISCAL YEAR 2013 PROJECT.

(a) EXTENSION. Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2013 (Division B of Public Law 112-239; 126 Stat. 2133), the authorization set forth in the table in subsection (b), as provided in section 2601 of that Act (126 Stat. 2134), for Camp Smith, New York (Formerly Stormville, New York), shall remain in effect until 30 September 2016, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2017, whichever is later.

(b) Table. – The table referred to in subsection (a) is a follows:

Army National Guard: Extension of 2013 Project Authorizations

State	Installation or Location	Project	Amount
New York	Camp Smith (Formerly Stormville)	Combined Support Maintenance Shop Phase 1	\$24,000,000

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Military Construction Army National Guard, Future Years Defense Program FY 2016- FY 2020

	Proj No Pax No	2016	040035	090071 85640	100082 85623	120173 85401	171001 85626	200112 85628	200113 85629	240173 85835	320075 85646	350029	390290 85633	410301 85635	420522 85636	440040	500079 85650	510065 85638	530041 84607	990022 86756	990033 86757	
	<u>Change</u> <u>Explanation</u> <u>Pr</u>	0	(13,000) Moved 2016 to 2019, TAG 04		0 10	18,000 Accelerated from Infrastructure 12 Requirements Plan	0 17	0 20	0 20	0	8,000 Moved 2017 to 2016 32	(5,000) Appropriated in 2015 35	0	1,500 Increase for Air National Guard 41 share & rounding	0 42	(18,000) 440040 was exchanged for 44 440064 and delayed from 2016 to 2017, TAG Request	7,900 Moved 2018 to 2016, increased 50 cost.	2,000 Increase for Air National Guard 51 share & rounding	19,000 Restored Project. Was last in the 53 FY14-18 FYDP.	2,266	96 (5,638)	28,028
Budgeted	PB15		13,000	0	10,800	0	1,900	2,400	4,300	13,800	0	5,000	3,300	15,000	16,000	18,000	0	27,000	0	12,734	25,975	169,209
FY 2016- FY 2020 Budgeted			0	11,000	10,800	18,000	1,900	2,400	4,300	13,800	8,000	0	3,300	16,500	16,000	0	7,900	29,000	19,000	15,000	20,337	197,237
FY 2016-	Project Title	2016	National Guard Readiness Center	Ready Building (CST-WMD)	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	Basic 10M-25M Firing Range (Zero)	Automated Combat Pistol/Military Police Firearms Qualification Course	Modified Record Fire Range	National Guard Readiness Center	National Guard Vehicle Maintenance Shop Add/Alt	National Guard Readiness Center Add/Alt	Modified Record Fire Range	National Guard/Reserve Center Building Add/Alt (JFHQ)	Training Aids Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop Addition	National Guard/Reserve Center Building (JFHQ)	Enlisted Barracks, Transient Training	Unspecified Minor Construction	Planning and Design	Total FY 2016 Program Request
	Town or Installation	2016	Queen Creek	Camp Hartell	Dagsboro	Palm Coast	Sparta	Salina	Salina	Easton	Reno	Alamogordo	Camp Ravenna	Salem	Fort Indiantown Gap	North Smithfield	North Hyde Park	Richmond	Yakima	Various	Various	
	Year State	2016 2016	2016 AZ	2016 CT	2016 DE	2016 FL	2016 IL	2016 KS	2016 KS	2016 MD	2016 NV	2016 NM	2016 OH	2016 OR	2016 PA	2016 RI	2016 VT	2016 VA	2016 WA	2016 ZZZ	2016 ZZZ	

Military Construction Army National Guard, Future Years Defense Program FY 2016- FY 2020

																							_
	Pax No				85652	84590	84624	86371	85825		85632	86531	86770	86761	85506	86401	85648	85651		86771	86772		
	Proj No	2017	040038	090071	150035	190025	200101	240149	270132	320075	330019	330425	350141	400601	420354	440064	490601	530129	260060	990022	990033		
	<u>Change</u> <u>Explanation</u>	0	(11,000) Moved 2017 to 2019, TAG request, reduced cost	(11,000) Moved 2017 to 2016	0	(5,000) Reduced Cost	29,000 Moved 2018 to 2017, Reduced Cost	3,000 Increased Cost	0	(8,000) Moved 2017 to 2016	0	0	0	0	9,300 Accelerated from Infrastructure Requirements Plan	18,000 440040 was exchanged for 440064 and delayed from 2016 to 2017, TAG Request	0	0	(31,000) Removed	(686)	(4,112)	-11,801	
Budgeted	PB15		11,000	11,000	31,000	28,000	0	16,000	39,000	8,000	10,600	9,400	009'9	22,000	0	0	37,000	31,000	31,000	12,989	19,686	324,275	_
Budgeted	Amount		0	0	31,000	23,000	29,000	19,000	39,000	0	10,600	9,400	009'9	22,000	9,300	18,000	37,000	31,000	0	12,000	15,574	312,474	_
	Project Title	2017	National Guard Readiness Center	Ready Building (CST-WMD)	Combined Support Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop Add/Alt	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard/Reserve Center Building (JFHQ)	National Guard Readiness Center	National Guard Readiness Center	General Instruction Building (RTI)	Unspecified Minor Construction	Planning and Design	Total FY 2017 Program Request	
	Town or Installation	2017	Safford	Camp Hartell	Hilo	Davenport	Fort Leavenworth	Ellicott City	Arden Hills	Reno	Concord	Rochester	Las Cruces	Ardmore	York	East Greenwich	Camp Williams	Olympia	Guernsey	Various	Various		
	State	2017	. AZ		Ξ	⊴ .	S S	MD	Z Z	<u> </u>	王	<u> </u>	∑ Z	š	A A	₹	5	. WA	₩		ZZZ		
	Year	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017		

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Military Construction Army National Guard, Future Years Defense Program FY 2016- FY 2020

		Proj No Pax No	2018	020143 85622	100040 85641	ed 200101	230052 85655	300031 85656	310102 85645	330043 85474	sed 500079	560084 86780	990022 86773	990033 86774	
		Explanation		27,000 Moved 2019 to 2018		(33,000) Moved 2018 to 2017, Reduced Cost		Increased Cost		12,000 Moved 2019 to 2018	(7,000) Moved 2018 to 2016, increased cost.	(1,000) Reduced Cost			
		Change	0	27,000	0	(33,000)	0	200	0	12,000	(2,000)	(1,000)	0	(5,059)	-6.859
	Budgeted	PB15		0	36,000	33,000	17,500	14,800	29,000	0	7,000	22,000	12,000	21,330	192.630
F 2010- F 2020	Budgeted	Amount		27,000	36,000	0	17,500	15,000	29,000	12,000	0	21,000	12,000	16,271	185.771
LI 2010		Project Title	2018	Joint Base Elmendorf-Richardson Administrative Building, General Purpose (USFPO)	Combined Support Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop Addition	National Guard Readiness Center	Unspecified Minor Construction	Planning and Design	Total FY 2018 Program Request
		Town or Installation	2018		New Castle	Fort Leavenworth	Portland	Malta	Mead	Pembroke	North Hyde Park	Laramie	Various	Various	
		State	2018	AK	DE	S S	ME	M	빌	돌	Δ/	₩	ZZZ	222	
		Year	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	

Military Construction Army National Guard, Future Years Defense Program FY 2016- FY 2020

				Budgeted	Budgeted	i		:	:
•	State	Town or Installation	Project Title	<u>Amount</u>	PB15	<u>Change</u>	Explanation	Proj No	Pax No
	2019	2019	2019			0		2019	
	٩٢	Foley	National Guard Readiness Center	12,000	12,000	0		010908	85380
	Ą	Joint Base Elmendorf-Richardson	Joint Base Elmendorf-Richardson Administrative Building, General Purpose (USFPO)	0	27,000	(27,000)	(27,000) Moved 2019 to 2018	020143	
	ΑZ	Queen Creek	National Guard Readiness Center	008'6	0	9,800	9,800 Moved 2016 to 2019, TAG request, reduced cost	040035	84656
	ΑZ	Safford	National Guard Readiness Center	8,300	0	8,300	8,300 Moved 2017 to 2019, TAG request, reduced cost	040038	85639
	8	Fort Carson	National Guard Readiness Center	0	16,500	(16,500)	(16,500) Removed	080115	
	₽	Orchard Training Area	Digital Air/Ground Integration Range	22,000	22,000	0		160176	85669
	Σ	New Ulm	National Guard Vehicle Maintenance Shop	11,200	0	11,200	11,200 Accelerated from Infrastructure Requirements Plan	270203	85448
	MS	Camp Shelby	Simulator Bldg (Non-Motion) Ph1	0	10,000	(10,000)	(10,000) Removed	280230	
	Ž	North Las Vegas	National Guard Readiness Center	32,000	32,000	0		320157	86532
	돌	Pembroke	National Guard Readiness Center	0	12,000	(12,000)	(12,000) Moved 2019 to 2018	330043	
	9	Fargo	National Guard Readiness Center	32,000	32,000	0		380116	85492
	ΡA	Moon Township	Combined Support Maintenance Shop	23,000	23,000	0		420103	85505
1	222	Various	Unspecified Minor Construction	15,000	11,779	3,221		990022	86775
	ZZZ	Various	Planning and Design	18,814	10,781	8,033		990033	86776
			Total FY 2019 Program Request	184,114	209,060	-24,946			

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Military Construction Army National Guard, Future Years Defense Program FY 2016- FY 2020

		No Pax No	2020	202 86480	147 85440	94 85732	85452	108 85731	86 85457	113 85464	950 85475	160 85495	306 85502	85519	30 85525	201 85532	117 85727	201 85572	148 85553	322 86777	33 86778
_		Proj No	8	180202	240147	250194	280381	280408	290186	310113	330050	390160	410306	450109	470030	491201	510417	531201	550148	990022	990033
		Explanation		Accelerated from Infrastructure Requirements Plan	Accelerated from Infrastructure Requirements Plan	New Range Program Project	Accelerated from Infrastructure Requirements Plan	New Range Program Project	Accelerated from Infrastructure Requirements Plan	New Training Program Project	Accelerated from Infrastructure Requirements Plan	Accelerated from Infrastructure Requirements Plan									
		<u>Change</u>	0	12,000	12,000	9,700	10,400	9,100	12,000	9,300	5,950	15,000	9,300	15,000	11,200	12,000	4,550	11,400	11,600	15,000	22,434
	Budgeted	<u>PB15</u>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FY 2016- FY 2020	Budgeted	<u>Amount</u>		12,000	12,000	9,700	10,400	9,100	12,000	9,300	5,950	15,000	9,300	15,000	11,200	12,000	4,550	11,400	11,600	15,000	22,434
FY 2016-		Project Title	2020	National Guard/Reserve Center Building Add/Alt	Combined Support Maintenance Shop	Automated Multipurpose Machine Gun (MPMG) Range	National Guard Vehicle Maintenance Shop	Automated Multipurpose Machine Gun (MPMG) Range	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard/Reserve Center Building	Armed Forces Reserve Center Building Add	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	Training Aids Center	National Guard Readiness Center	National Guard Readiness Center Add/Alt	Unspecified Minor Construction	Planning and Design
		Town or Installation	2020	Shelbyville	Havre De Grace	Camp Edwards	Jackson	Camp Shelby	Springfield	North Platte	Concord	Columbus	Klamath Falls	Summerville	McMinnville	Nephi	Fort Pickett	Bellingham	Appleton	Various	Various
		State	2020	Z	MD	Ψ	WS	WS	Q	빌	丟	ᆼ	OR	SC	Z	5	Α>	WA	⋚	222	ZZZ
		Year	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020

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1.	COMPONENT		F	'Y 2016 G	UARD AND RE	ESERVE			2. DATE	
	ARNG			MILITAR	Y CONSTRUCT	CION			02 FEB	2015
3.	INSTALLATION AND	LOCATION							4. AREA CO	NSRUCTION
	Camp Hartell			IN	ISNO= 09B7	5			COST IN	DEX
	Connecticut									1.18
5.	FREQUENCY AND TYPE	E OF UTILI	ZATION							
	Administration 5	days/week,	with 2-day	training	assembly	2-3 times/	month.			
<i>c</i>	OMITED ACMITATE (CITAT	D / DECEDIAE	TNOMATIAMION	IC MITMITTA	. 15 MILE D	ADTHO				
о.	OTHER ACTIVE/GUAF						0 100 2		27 104 CEV	1050
		Locks, CT			Aviation F					1952 1952
	ANG East Gran ARNG Enfield,	nby, CT			Readiness		32,455 m2		17,966 SF)	1952
	ARNG Rockville				Readiness				17,900 SF)	1955
					Readiness				13,999 SF) 09,269 SF)	1956
	ARNG Hartford				Readiness					
	AR West Hart	tford, CT	14.0	oo miles	Readiness	center	4,353 1112	(-	46,854 SF)	2000
7.	PROJECTS REQUESTE	D IN THIS	PROGRAM							
	CATEGORY						CO	ST	DESIGN	STATUS
	CODE PROJEC	T TITLE			SCOPE		(\$0	00)	START	CMPL
	14132 READY 1	BUILDING		2,207 m	n2 (23,75	9 SF)	11,	000	OCT 2013	OCT 2015
8	STATE GUARD/RESER	AL EUDUES 1	ዋል<	SUABU DEG	OMMENIDATIO	NI				
٥.	FACILITIES IDENTI						SERVE FORCE	S	U 2 V D	R 2014
	FACILITIES BOARD									ate)
	UNILATERAL CONSTR		OOTNI ODI	_, <u></u> ,	.0.11. 11111 1501	ICECOMM	LIDITI TONO A		(D	,
	ONIBITEIGIE CONSTI									
9.	LAND ACQUISITION	REQUIRED								
	None									0
									(Number of	acres)
10.	PROJECTS PLANNEI	IN NEXT F	OUR YEARS							
	CATEGORY									COST
	CODE PROJECT	TITLE					SCOPE			(\$000)
										<u> </u>
	NONE									
					,					
	DEFERRED SUSTAINM	MENT, RESTOR	RATION, AND	MODERNIZ	ATION (SRM): ⊥,	280			
	A SITE SURVEY HAS	BEEN COMP	LETED AND TH	HE SITE I	S SUITABLE	FOR CONST	RUCTION OF	THE E	ROPOSED PR	OJECT AT
	THE ESTIMATED COS	T INDICATE	ο.							
11	DED CONNET CERTIFIC	NEW 7.0 OF 0	E 2110 0014							
11.	. PERSONNEL STRENG	FIH AS OF U	5 AUG 2014							
			PERMANENT	г				CII	RD/RESERVE	
		TOTAL (CIVILIAN		TOT			
	AUTHORIZED	0	O ENT	LISTED C	0 STATITIVI		101	22	OFFICER 7	ENLISTED 15
		0	0	0	0			22	7	15
	ACTUAL	U	U	U	U			22	/	15
1 2	RESERVE UNIT DAT	מי								
14.	. VECTIVE ONTI DAJ	.A							STREN	стн
	UNIT DESIGNATION			UIC	TP	SN	MTOE/TDA		AUTHORIZED	ACTUAL
	(DET 14 CST (WMD))		W7LQAA		951	NGW7LQAA		22	22
	(DEL IT COL (WMD)	1		w / LQAA	50	J J L	MGM / LIQAA		22	22
									22	22
							78.	aa4	ned/Authori	zod• 100°
							A	ssigi	icu/Autii0r1	∠cu. 100%

INSTALLATION AND LOCATION Camp Hartell Connecticut INSNO= 09B75 COST INDEX 1.18 3. MAJOR EQUIPMENT AND AIRCRAFT	. COMPONENT	FY 2016 GUARD AND RESERVE	2	. DATE
Camp Hartell	ARNG	MILITARY CONSTRUCTION		02 FEB 2015
Camp Hartell				
Connecticut . MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED A WHEELED 0 C TRACKED 0 C EQUIPMENT > 30 FT 0 C Fuel Truck 0 C HET 0 C TOTALS 0 C OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION	INSTALLATION AND LO	OCATION	4	. AREA CONSRUCTIO
. MAJOR EQUIPMENT AND AIRCRAFT TYPE WHEELED 0 TRAILERS 0 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION	Camp Hartell	INSNO= 09B75		COST INDEX
TYPE	Connecticut			1.18
TYPE AUTHORIZED A WHEELED 0 TRAILERS 0 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	. MAJOR EQUIPMENT A	ND AIRCRAFT		
WHEELED 0 TRAILERS 0 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0			AUTHORIZED	ACTUA
TRAILERS 0 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0				
TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0				
EQUIPMENT > 30 FT 0 0 Fuel Truck 0 0 HET 0 0 TOTALS 0 0 . OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0				
Fuel Truck 0 HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0		, 20 ET		
HET 0 TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0				
TOTALS 0 OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0		r.		
OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION B. WATER POLLUTION 0				
A. AIR POLLUTION 0 B. WATER POLLUTION 0	TOTALS		U	1
A. AIR POLLUTION 0 B. WATER POLLUTION 0	OUTSTANDING POLLU	FION AND SAFETY DEFICIENCIES		
B. WATER POLLUTION 0			(\$000)	
	A. AIR PO	LLUTION	0	
	B. WATER	POLLUTION	0	

1. COMPONENT					2. Di	ATE
	FY 2016 MILITARY	CONSTRUC'	TION PROJECT	DATA		
ARNG					02	FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Camp Hartell						
Connecticut			READY BUILDI	NG		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJE	CT COST (\$0	00)
0505896A	14132		85640 090071 Approp		11	_,000
	9	. COST ESTIMA	ΓES			•
TORM						

	J. C.	ODI EDI	THATES				
ITEM	UM	(M/E)	QUA	NTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY							8,502
14132 Ready Building	m2	(SF)	2,207	(23,759)	3,450	(7,615)
82182 Heating Plant, Solar	EΑ		1			200,000	(200)
81122 Electric Power, Photovoltaic	EΑ		1			300,000	(300)
81160 Backup/Emergency Generator	EΑ		1			147,059	(147)
85210 Org Vehicle Parking, Paved	m2	(SY)	501.68	(600)	152.43	(76)
Sustainability/Energy Measures	LS						(164)
SUPPORTING FACILITIES							1,244
Electric Service	LS						(103)
Water, Sewer, Gas	LS						(271)
Paving, Walks, Curbs And Gutters	LS						(187)
Storm Drainage	LS						(158)
Site Imp(250) Demo()	LS						(250)
Information Systems	LS						(9)
Antiterrorism Measures	LS						(140)
Other	LS						(126)
ESTIMATED CONTRACT COST							9,746
CONTINGENCY (5.00%)							487
SUBTOTAL						l	10,233
SUPV, INSP & OVERHEAD (3.50%)						l	358
DESIGN/BUILD-DESIGN COST (4.00%)						l	409
TOTAL REQUEST							11,000
TOTAL FEDERAL REQUEST							11,000
TOTAL FEDERAL REQUEST (ROUNDED)							11,000
INSTALLED EQT-OTHER APPROP							(887)

A specially designed National Guard Ready Building of 10. Description of Proposed Construction permanent construction. The Ready Building includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Heating Plant (Solar), and Electric Power (Photovoltaic). This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas for 26 privately owned vehicles, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DOD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 23,905 SQFT. Disposal of 6 buildings (Total 2,221 m2/23,905 SF). Air Conditioning (Estimated 208 kWr/59 Tons).

11. REQ: 2,207 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 23,759 SQFT Ready Building that supports training,
administrative, and logistical requirements for the CTARNG. This facility will be built

1. COMPONENT					2. DATE
	FY 2016 MILITA	RY CONSTRUC	TION PROJECT DA	TA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION	N		4. PROJECT TITLE		
Camp Hartell Connecticut			READY BUILDING		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER 8	. PROJECT COST	(\$000)
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PROJECT: (CONTINUED)

on State land. (Current Mission)

REQUIREMENT: The Connecticut Army National Guard formed the 14TH Civil Support Team (UIC: W7LQAA) beginning in FY2003. This unit is comprised of twenty-two Active Guard Reserve personnel who are certified as first responders in homeland defense in the event of a nuclear, biological, chemical and explosive attack. Due to this unique 24 hour a day, 7 day a week mission, the unit has state of the art equipment and facility requirements that are new to readiness center standards for the Army, and which required the release of new military construction regulations specific to this unit. Unit equipment includes SUV-type vehicles with pre-installed communications and specialized equipment, an Analytical Laboratory System, a Unified Command Suite, and other support vehicles. These vehicles contain hyper sensitive instruments which must be stored in a temperature controlled environment and remain on constant electrical power. A portion of a 59 acre state-owned site is available for this project.

CURRENT SITUATION: This project is critical to the state of Connecticut due to the current situation of the existing facility that is currently supporting this mission is located in a converted warehouse that was built in 1964 and does not comply with NG Pam 415-12 dated DEC 2014 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with disabilities Act (ADA), Anti-terrorism Force Protection (ATFP) requirements. The current facilities lack the training area, vehicle bay space and circulation, administrative space, toilets/shower, locker room space, and separation from POV and military vehicle parking. The facility mechanical and electrical systems are original and inadequate to maintain the temperature controlled environment within the vehicle bays space and provide the required electrical power for the hyper sensitive instruments. There is no fire suppression for the protection of life and equipment and lacks fire resistant materials between the vehicle storage bays and the administrative spaces.

The State of Connecticut has conducted a preliminary design on this project and is currently at 65 % Design.

The site for this project is in the possession of the state of Connecticut.

Currently, the state of Connecticut has completed/begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1964.

Renovation is not viable because the site has no room for expansion, no additional land is available surrounding the site, and cannot meet the ATFP standoff requirement.

Exterior masonry needs tuck-pointing. The envelope of the building is in poor condition; walls, windows, doors. Due to the age of the facility, the existing concrete roof deck is deteriorating and large pieces of the concrete have fallen in the vehicle bays resulting in possible vehicle damage and injury to personnel. Building is not current to ADA requirements.

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1. COMPONENT				2. DATE				
	FY 2016 MILITARY CONSTRUCTION PROJECT DATA							
ARNG				02 FEB 2015				
3. INSTALLATION AND LO	LE	·						
Camp Hartell Connecticut		READY BUIL	DING					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT C	OST (\$000)				
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CURRENT SITUATION: (CONTINUED)

High energy costs due to the age of the facility exterior envelop and out dated plumbing and mechanical systems.

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Site
      Site
             Cat
                     FACNO ISR-I F
                                         Q
                                                C
                                                       Local
Code
      UID
             Code
                           Year
                                  Rating Rating Name
09906 3689
             14132
                     00154 2014
                                                       CST/WMD, AASF
                                  F2
                                         04
                                                C3
                                                       Storage
```

Fire alarm system does not meet State code and lacks fire sprinkler system. Building does not meet Federal ADA code.

Waiver for AT/FP requirements. Parcel of land is not large enough for proper set-back of parking and perimeter.

The current facilities lack the training area, vehicle bay space and circulation, administrative space, toilets/shower, locker room space, and separation from POV and military vehicle parking. The facility mechanical and electrical systems are original and inadequate to maintain the temperature controlled environment within the vehicle bays space and provide the required electrical power for the hyper sensitive instruments. There is no fire suppression for the protection of life and equipment and lacks fire resistant materials between the vehicle storage bays and the administrative spaces.

IMPACT IF NOT PROVIDED: If this project is not provided, the unit's ability to meet its readiness and training objectives will be adversely affected if the personnel are not provided with proper facilities that are critically needed. Mission accomplishment will deteriorate without adequate space to secure expensive specialized equipment and maintain in climate controlled ready bays. Ultimately, the capability of Federal and State governments to respond to acts of homeland terrorist attacks may be compromised, as well as the untimely wear of sensitive equipment from inadequate storage.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the

1. COMPONENT						2. DATE
		FY 2016 MILITARY	CONSTRUCT	CION PROJECT I	ATA	
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3. INSTALLATION AND	LOCATION			4. PROJECT TITLE		
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Connecticut 5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT	READY BUILDIN	8. PROJECT COST	r (\$000)
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ADDITIONAL: (C	CONTINUE	<u>ID)</u>				
requirement.						
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		at this project has				
		operational conside				
by other compo	onents.					
12. SUPPLEMEN	חגם זגייינ	י אי				
		sign Data:				
	ated Des Status:	sign Data:				
, ,		sign Start Date				OCT 2013
						65
		ccent Complete as of				JUN 2014
		te 35% Designed				OCT 2015
		te Design Complete				
		rametric Cost Estimat			osts	NO
		pe of Design Contract				
		energy study and lif			will be	
	aoc	cumented during the f	inal des	ign.		
(2)	Basis:					
` ,		andard or Definitive	Degian:	NO		
	(a) 500	andard or Derinitive	Design.	110		
(3)	Total De	esign Cost (c) = (a)+	+(b) OR (d)+(e):		(\$000)
		oduction of Plans and				0
		l Other Design Costs.				331
		tal Design Cost				331
		ntract				331
		-house				0
	(-) ===					
(4)	Construc	ction Contract Award.				MAR 2016
(5)	Construc	ction Start				APR 2016
(6)	Construc	ction Completion				MAR 2018
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1. COMPONENT					2. DATE	
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA		
ARNG					02 FEB 2015	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	•		
Camp Hartell Connecticut			READY BUILDING			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
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12. SUPPLEMENTAL DATA (CONTINUED..)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	2017	550
ESS (171R)	OPA	2017	22
Info Sys - ISC	OPA	2017	165
Info Sys - PROP	OMNG	2017	150
		 Total	887

CFMO Phone 860-493-2725 Number:

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1.	COMPONENT		FY	2016 GU	ARD AND RESERVE		2. DATE	
	ARNG		M	MILITARY	CONSTRUCTION		02 FEB :	2015
L							 	
3.	INSTALLATION AND L	LOCATION					4. AREA COI	
	Dagsboro			INS	SNO= 10A10		COST IN	DEX
	Delaware						:	1.08
5	FREQUENCY AND TYPE	C OF HTTLIZAT	TON					
.				raole and	d 1 weekend/month for	x IDT IInita		
	Maintenance Operat	JOHS TUIT CI	me s days/	week and	i i weekend/month for	I IDI UIILES.		
6.	OTHER ACTIVE/GUARD	/RESERVE INS	TALLATIONS	WITHIN	15 MILE RADIUS			
	ARNG Seaford, I				Readiness Center	1 672 m2	(18 000 SE)	1945
		Pigman, DE			Readiness Center	,	(24,000 SF)	1950
	ARNG Georgetown	n, DE			Readiness Center	2,137 m2		1940
	ARNG Bethany Be	each, DE	9.00	miles	Educational Facility	1,293 m2	(13,920 SF)	2014
<u> </u>								
١,٠	PROJECTS REQUESTED	O IN THIS PRO	GRAM					
l	CATEGORY					COST	DESIGN S	STATUS
	CODE PROJECT	TITLE			SCOPE	(\$000) START	CMPL
	21407 NATIONAL	L GUARD VEHIC	LE MA	1,502 m	2 (16,166 SF)	10,80	0 JUL 2014	JUL 2015
8.	STATE GUARD/RESERV	7E FORCES FAC	ILITIES BO	ARD RECO	OMMENDATION			
l	FACILITIES IDENTIF	FIED IN ITEM	#6 HAVE BEI	EN EXAMI	INED BY THE STATE RES	SERVE FORCES	22 API	2014
	FACILITIES BOARD F	OR POSSIBLE	JOINT USE/	EXPANSIO	ON. THE BOARD RECOMM	ENDATIONS ARE	(Da	ate)
l	UNILATERAL CONSTRU		/ -					
	ONTENTENCE CONDING	, , , , , , , , , , , , , , , , , , , ,						
9.	LAND ACQUISITION R	REQUIRED						
	None							0
							(Number of	acres)
							(1000001)	40105,
10	. PROJECTS PLANNED	IN NEXT FOUR	YEARS					
	CATEGORY							COST
	CODE PROJECT T	ידידיד.				SCOPE		(\$000)
	FROUBET I	TITUE				DCOF E		(\$000)
l								
	NONE							
		rNT PFST∩PNT	TON AND MO	ODERNI 77	ATION (SPM): 7	0.85		
	NONE DEFERRED SUSTAINME	ENT, RESTORAT	ION, AND MO	ODERNIZ <i>A</i>	ATION (SRM): 7,	085		
	DEFERRED SUSTAINME				ATION (SRM): 7,0		E PROPOSED PRO	OJECT AT
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12	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION FMS 05 (HQ ARNG EL . MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED	BEEN COMPLET. INDICATED. TH AS OF 05 N TOTAL OFF: 15 10 A AMT, JFHQ-DE) AND AIRCRAFT T > 30 FT	ED AND THE OV 2014 PERMANENT ICER ENLIS	SITE IS STED C: 0 0	S SUITABLE FOR CONSTI	TOTAL O MTOE/TDA Ass:	GUARD/RESERVE OFFICER O O STRENG AUTHORIZED O igned/Authoriz ZED 110 48 0	ENLISTED 0 0 STH ACTUAL 0 2ed: 0% ACTUAL 3 1 0
12	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION FMS 05 (HQ ARNG EL . MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COMPLET. INDICATED. TH AS OF 05 N TOTAL OFF: 15 10 A AMT, JFHQ-DE) AND AIRCRAFT T > 30 FT	ED AND THE OV 2014 PERMANENT ICER ENLIS	SITE IS STED C: 0 0	S SUITABLE FOR CONSTI	TOTAL O MTOE/TDA Ass:	SUARD/RESERVE OFFICER O O STRENG AUTHORIZED O O igned/Authoriz ZED 110 48 0 22	ENLISTED 0 0 0 STH ACTUAL 0 0 Zed: 0% ACTUAL 3 1 0 0 0
12	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION FMS 05 (HQ ARNG EL MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL TRUCK HET	BEEN COMPLET. INDICATED. TH AS OF 05 N TOTAL OFF: 15 10 A AMT, JFHQ-DE) AND AIRCRAFT T > 30 FT	ED AND THE OV 2014 PERMANENT ICER ENLIS	SITE IS STED C: 0 0	S SUITABLE FOR CONSTI	MTOE/TDA Ass:	GUARD/RESERVE OFFICER O STRENG AUTHORIZED O igned/Authoriz ZED 110 48 0 22 0 0	ENLISTED 0 0 0 STH ACTUAL 0 0 2ed: 0% ACTUAL 3 1 0 0 0 0
12	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION FMS 05 (HQ ARNG EL MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel Truck	BEEN COMPLET. INDICATED. TH AS OF 05 N TOTAL OFF: 15 10 A AMT, JFHQ-DE) AND AIRCRAFT T > 30 FT	ED AND THE OV 2014 PERMANENT ICER ENLIS	SITE IS STED C: 0 0	S SUITABLE FOR CONSTI	MTOE/TDA Ass:	STRENCE AUTHORIZED 0 igned/Authoriz ZED 110 48 0 22 0	ENLISTED 0 0 0 STH ACTUAL 0 0 2ed: 0% ACTUAL 3 1 0 0 0 0

1. COMPONENT	FY 2016 GUARD AND RESERVE	2.	. DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
2 TATOMATTAMTO:	OCUMETON		ADEA COMODICATO
3. INSTALLATION AND L		4	. AREA CONSRUCTION
Dagsboro	INSNO= 10A10		COST INDEX
Delaware			1.08
14. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR PO	OLLUTION	0	
	POLLUTION	0	
	ATIONAL SAFETY AND HEALTH	0	
C. OCCUPA	AIIONAL SAFEII AND REALIR	U	

1. COMPONENT						2. DATE	
	FY 2016 MILITARY	CONSTRUCT	rion proje	ECT DA	ATA		
ARNG						02 FEB 20	15
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
Dagsboro							
Delaware			NATIONAL	GUARD	VEHICLE M.	AINTENANCE	SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8	8. PROJECT COST	Г (\$000)	
		85	623				
0505896A	21407	10	100082 Approp		Approp	10,800	
O COCH ECHIMATEC							

9. COST ESTIMATES							
ITEM	UM (M/E	E) QUANTITY U	NIT COST	COST(\$000)			
PRIMARY FACILITY				5,747			
21407 Maintenance Shop	m2 (SF	F) 1,502 (16,166)	3,229	(4,850)			
85210 Org Vehicle Parking, Paved	m2 (SY	Y) 1,024 (1,225)	155.48	(159)			
81122 Electric Power, Photovoltaic	EA	1 :	350,000	(350)			
82187 Heating Plant, Geothermal	EA	1 :	275,000	(275)			
Sustainability/Energy Measures	LS			(113)			
SUPPORTING FACILITIES				3,826			
Electric Service	LS			(46)			
Water, Sewer, Gas	LS			(194)			
Paving, Walks, Curbs And Gutters	LS			(932)			
Storm Drainage	LS			(1,145)			
Site Imp(862) Demo(206)	LS			(1,068)			
Information Systems	LS			(14)			
Antiterrorism Measures	LS			(149)			
Other	LS			(278)			
ESTIMATED CONTRACT COST				9,573			
CONTINGENCY (5.00%)				479			
SUBTOTAL				10,052			
SUPV, INSP & OVERHEAD (3.44%)				346			
DESIGN/BUILD-DESIGN COST (4.00%)				402			
TOTAL REQUEST				10,800			
TOTAL FEDERAL REQUEST				10,800			
TOTAL FEDERAL REQUEST (ROUNDED)				10,800			
INSTALLED EQT-OTHER APPROP				(636)			

A specially designed National Guard Vehicle Maintenance 10. Description of Proposed Construction Shop of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Heating Plant (Geothermal), and Electric Power (Photovoltaic). This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. This project will entail a underground storm water management system that is listed in the supporting facilities. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 20,789 SQFT. Disposal of 1 building at RIVER ROAD TRAINING SITE, DE (Total 560 m2/6,025 SF), 4 buildings at Dagsboro Readiness Center, DE (Total 675 m2/7,261 SF), and 3 buildings at Seaford Readiness Center, DE (Total 697 m2/7,503 SF). Air Conditioning (Estimated 60 kWr/17 Tons).

1. COMPONENT					2. DATE	
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT I	DATA		
ARNG					02 FEB 2015	5
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Dagsboro						
Delaware			NATIONAL GUAR	D VEHICLE M	AINTENANCE SI	HOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
		85	623			
0505896A	21407	10000		Approp	10,800	
<u> </u>	·		·		·	

11. REQ: 1,502 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct 16,166 square feet of a National Guard Vehicle Maintenance Shop that supports training, administrative, and logistical requirements for the DEARNG. This project was authorized in the FY 2015 National Defense Authorization Act at \$10.8 million but no funds were appropriated for the project. The FY 2016 President's Budget submission includes a request for appropriation. This facility will be built on State land. (Current Mission)

<u>REQUIREMENT:</u> This facility is designed to meet DA directed MTOE changes for the listed units authorized 343 soldiers, within the transformed force structure of the DEARNG, to address facility shortages and inadequacies as defined in the ISR-I. This facility is required to support all assigned vehicles to both Field Maintenance Shop (FMS) 04 and FMS 05.

<u>CURRENT SITUATION:</u> This project is critical to the state of Delaware due to the current situation of not having maintenance bays sized to accommodate the current assigned vehicles. No overhead lifting capabilities nor adequate egress lanes make maintenance operations very difficult to perform.

The State of Delaware has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of Delaware.

Currently, the state of Delaware has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1988.

This site has a failed Stormwater Retention Basin. This basin does not drain properly and is constantly filled with water. The water attracts geese which leave the parking areas completely covered in excrement year round. The excrement poses a risk to our Soldier's health and safety. To mitigate this risk we are construcing an underground stormwater retention system.

This project will mitigate the excrement issue and provide all necessary space required to perform the maintenance operation mission.

The current operating and maintenance costs for this facility are high due to the facility being on propane. Combined with there being no insulation in walls and ceiling, the operating costs are extrememly high for this type of a facility.

1	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
10A65	7207	21407	FMS04	2014	F4	Q4	C4	Seaford
10A10	4631	21407	FMS05	2014	F4	Q4	C4	Dagsboro

The current facility does not comply with the Americans with Disability Act, ASHRAE 90.1, current National Electric Code standards.

PAGE NO. 12 PREVIOUS EDITION IS OBSOLETE DD FORM 1391C, JUL 1999

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT	DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Dagsboro Delaware			NATIONAL GUA	RD VEHICLE M	AINTENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	623		
0505896A	21407	10	0082	Approp	10,800

CURRENT SITUATION: (CONTINUED)

IMPACT IF NOT PROVIDED: If this project is not approved, the working conditions cannot be improved. The current maintenance backlog will continually increase and the supported units will decrease in their readiness posture. The current operations and maintenance costs will continue to increase and cause a burden of funding levels. The current size of these maintenance workbays do not allow the mechanic 360 degree access to the equipment. This causes the Soldier to perform work in the elements or wait until the operation can be safely performed outdoors. The privately owned vehicle lot deficiency for this installation will not be resolved and Soldiers will continue to be forced to park on the shoulder of the highway. With the installation of an underground stormwater management system this project will enable the entire unit, to include the supporting maintenance staff, to park within the site boundaries.

<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

, -		~	
(1)	Status	:

(a)	Design Start Date	JUL 2014
(b)	Percent Complete as of January 2015	35
(c)	Date 35% Designed	JAN 2015
(d)	Date Design Complete	JUL 2015
(e)	Parametric Cost Estimating Used to Develop Costs	NO
(f)	Type of Design Contract: Design-build	

. COMPONENT					2. DATE
, COMPONENT		DV 0016 MTT TOTAL	a concention or		Z. DAIE
		FY 2016 MILITAR	Y CONSTRUCTION PRO	DJECT DATA	00 === 0015
ARNG INSTALLATION AN	02 FEB 2015				
INSTALLATION AN	ID LOCATION		4. PROJECT	I. LITE	
agsboro					
elaware		C GAMPAGANY GARA		L GUARD VEHICLE	
PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
		0.1.10	85623		10.000
505896A		21407	100082	Approp	10,800
	NTAL DAT	· ,			
A. Estin	nated Des	sign Data: (CONTINU	JED)		
	(g) An	energy study and l	life cycle cost an	alysis will be	
	doc	cumented during the	e final design.		
(2)	Basis:				
(2)		andard or Definitiv	re Design: NO		
	(a) ble	andard of Delinici	ve besign. No		
(0)					(+ 0 0 0)
(3)		esign Cost (c) = (a			(\$000)
	(a) Pro	oduction of Plans a	and Specifications	• • • • • • • • • • • • • • • • • • • •	0
	(b) All	l Other Design Cost	s		326
	(c) Tot	al Design Cost	326		
	(d) Cor	ntract			326
		-house			
	(0) 111	110 abc		• • • • • • • • • • • •	
(1)	Constant	ation Controlat Aver	. J		MAD 2016
(4)	Construc	ction Contract Awar	.u	• • • • • • • • • • • • • • • • • • • •	MAR 2016
(5)	Construc	ction Start			APR 2016
(6)	Construc	ction Completion			MAR 2018
		1			
B. Equipother appr		sociated with this	project which wil	I be provided from	m
Ocher appi	OPITACIO	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Fiscal Year	
Equipment			Procuring	Appropriated	Cost
Nomenclati	ıre		Appropriation	Or Requested	(\$000)
F F & E			OMNG	2017	273
Info Sys -	- ISC		OPA	2017	195
Info Sys -			OMNG	2017	168
	>-			_ • • • •	200
				Total	636

CFMO Phone Number: 302-326-7130

_		1					
1.	COMPONENT			RD AND RESERVE		2. DATE	
	ARNG		MILITARY	CONSTRUCTION		02 FEB 2	015
3.	INSTALLATION AND I	LOCATION				4. AREA CON	SRUCTION
	Palm Coast		INSN	IO= 12A70		COST IND	EX
	Florida						.95
5.	FREQUENCY AND TYPE	OF UTILIZATION				•	
	Administration 5 o	days/week, with 2	2-day training a	ssembly 2-3 times	s/month.		
_		,					
6.	OTHER ACTIVE/GUARI						
	ARNG St. Augus			eadiness Center			1992
	ARNG Palatka,			eadiness Center			1958
	ARNG Delan, FL		51.00 miles R	eadiness Center	1,405 m2	(15,123 SF)	1955
7.	PROJECTS REQUESTEI	O IN THIS PROGRAM	1				
	CATEGORY				COST	DESIGN S	TATUS
	CODE PROJECT	ידידו.ב		SCOPE	(\$000)		CMPL
		 L GUARD READINESS	c 7 126 m2			OCT 2013	
	17100 NATIONA	L GOARD READINES.	J 7,120 IIIZ	(70,700 31)	10,000	OC1 2013 (JUL 2013
8.	STATE GUARD/RESERV	/E FORCES FACILIT	TIES BOARD RECOM	MENDATION			
	FACILITIES IDENTIF	FIED IN ITEM #6 H	HAVE BEEN EXAMIN	IED BY THE STATE F	RESERVE FORCES	06 FEB	2014
	FACILITIES BOARD E	OR POSSIBLE JOIN	NT USE/EXPANSION	I. THE BOARD RECOM	MMENDATIONS ARE	(Da	te)
	UNILATERAL CONSTRU	JCTION.					
9.	LAND ACQUISITION F	REQUIRED					_
	None						0
						(Number of a	acres)
10	. PROJECTS PLANNED	IN NEXT FOUR YEA	ARS				
	CATEGORY						COST
	CODE PROJECT '	דוידו.ב			SCOPE		(\$000)
					<u> </u>		(\$000)
	NONE						
	110112						
	DEFERRED SUSTAINME	ENT, RESTORATION,	AND MODERNIZAT	CION (SRM):	0		
	A SITE SURVEY HAS	DEEN COMDIETED A	AND THE CITE IC	CHITTADI E EOD COM	TOTAL OF THE	DRODOGED DRO	TE/CT እጥ
			AND THE SITE IS	SUITABLE FOR CONS	SIRUCIION OF THE	PROPOSED PRO	JECI AI
	THE ESTIMATED COST	INDICATED.					
11	. PERSONNEL STRENGT	TH AS OF 05 DEC 2	2014				
		PERM	IANENT		GU	JARD/RESERVE	
		TOTAL OFFICER	ENLISTED CIV	/ILIAN	TOTAL	OFFICER E	
						OLLICEK E	NLISTED
	AUTHORIZED		42				NLISTED 236
	AUTHORIZED ACTUAL	45 3		0	260	24	236
	AUTHORIZED ACTUAL						
12	ACTUAL	45 3 17 3		0	260	24	236
12		45 3 17 3		0	260	24 25	236 228
12	ACTUAL . RESERVE UNIT DATA	45 3 17 3	14	0 0	260 253	24 25 STRENG	236 228 TH
12	ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	45 3 17 3		0	260 253 MTOE/TDA	24 25 STRENG	236 228 TH <u>ACTUAL</u>
12	ACTUAL RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN)	45 3 17 3	UIC WYKVTO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17	24 25 STRENG AUTHORIZED 128	236 228 TH <u>ACTUAL</u> 120
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0	260 253 MTOE/TDA 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69	236 228 TH ACTUAL 120 71
12	ACTUAL RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN)	45 3 17 3 A	UIC WYKVTO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17	24 25 STRENG AUTHORIZED 128	236 228 TH <u>ACTUAL</u> 120
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69	236 228 TH ACTUAL 120 71
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63	236 228 TH ACTUAL 120 71 62
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63	236 228 TH ACTUAL 120 71 62 253
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63 260	236 228 TH ACTUAL 120 71 62 253
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63 260	236 228 TH ACTUAL 120 71 62 253
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63 260	236 228 TH ACTUAL 120 71 62 253
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3 A	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63 260	236 228 TH ACTUAL 120 71 62 253
12	. RESERVE UNIT DATA UNIT DESIGNATION HHB (BN MAMD BN) BTRY D (BN MAMD BR	45 3 17 3	UIC WYKVTO WYKVDO	0 0 TPSN	260 253 MTOE/TDA 44615RNG17 44615RNG17 44615RNG17	24 25 STRENG AUTHORIZED 128 69 63 260	236 228 TH ACTUAL 120 71 62 253

. COMPONENT	FY 2016 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
. INSTALLATION AND I	OCATION		4. AREA CONSRUCTION
Palm Coast	INSNO= 12A70		COST INDEX
Florida			.95
3. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE	1210141	AUTHORIZE	D ACTUAI
WHEELED		8	
TRAILERS			4 34
TRACKED			0 (
	n > 20 mm		4
	C > 30 FT		0 (
Fuel Truc	CK		
HET			0 (
TOTALS		12	0 120
1. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)
A. AIR PO	DLLUTION		0
	POLLUTION		0
	ATIONAL SAFETY AND HEALTH		0

1. COMPONENT							2. DA	ATE
	FY 2016 MILITAE	RY (CONSTR	UCTION PRO	JECT	DATA		
ARNG				4. PROJECT	m T m T n		02	FEB 2015
3. INSTALLATION AND LOCATION				4. PROJECT	LITE			
Palm Coast Florida				NATIONAI	L GUA	RD READI	INESS CEN	NTER
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT NUMBER		8. PROJE	CT COST (\$0	00)
				85401				
0505896A	17180			120173		Approp	18	3,000
		9. (COST EST	IMATES				
ITEM		UM	(M/E)	QUA	ANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY								14,971
17180 Readiness Cente		m2	(SF)	6,939	(74,686)	2,037	(14,134)
44224 Unheated Storag		m2	(SF)	146.04	(1,572)	1,074	(157)
44228 Controlled Wast		m2	(SF)	27.87	(300)	1,014	
44240 Flammable Mater		m2	(SF)	13.94	(150)	1,086	
81160 Backup/Emergenc		EA		1			150,000	(150)
Total from Continua	tion page							(487)
SUPPORTING FACILITIES	•							1,589
Electric Service		LS						(62)
Water, Sewer, Gas		LS						(225)
Paving, Walks, Curbs	And Gutters	LS						(749)
Storm Drainage		LS						(55)
Site Imp(150) Demo()		LS						(150)
Information Systems		LS						(34)
Antiterrorism Measure	S	LS						(147)
Other		LS						(167)
								1.5.5.0
ESTIMATED CONTRACT CO	ST							16,560
CONTINGENCY (5.00%)								828
SUBTOTAL	(2, 500)							17,388
SUPV, INSP & OVERHEAD	(3.52%)							612
TOTAL REQUEST								18,000
TOTAL FEDERAL REQUEST								18,000
TOTAL FEDERAL REQUEST								18,000
INSTALLED EQT-OTHER A		1 2 1	111 400	rianed Nati	onal	Cuard D	oodinoga	(1,834)
10. Description of Proposed C permanent constructio								
that are integral to								-
Parking (Paved), Unh								
Materials Facility. T								
all local, State, and								
will include all util								
roads, walks, curbs,	_			_				-
Facilities will be de								
Unified Facilities Co								
and integrated buildi								
Development Policy Up								
provided. Antiterrori								
building standards wi								
SQFT disposal policy								
Daytona Beach Armed F								
at Tampa Readiness Ce								
939 kWr/267 Tons).	. , , = = = =	-	, -	,			J (
11. REQ: 7,126 m2	ADQT:			NONE	S	UBSTD:		NONE

1. COMPONENT					2. DATE]
FY 2016 MI	LITARY (CONSTRUC	CTION PROJECT	DATA		
ARNG					02 E	FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	Ξ	•	
Palm Coast						
Florida			NATIONAL GU	ARD READI	NESS CENT	ER
5. PROGRAM ELEMENT 6. CATEGORY CODE		7. PROJEC	Γ NUMBER	8. PROJEC	T COST (\$000))
		8	5401			
0505896A 17180		1	20173	Approp	18,000	
9. COST ESTIMATES (CONTINUED)						
9. COST ESTIMATES (CONTINUED)					TTNT T [T]	ОООШ
ITEM	UM	(M/E)	QUANTIT	Y	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
85210 Org Vehicle Parking, Paved	m2	(SY)	5,100 (6,100)	37.91	(193)
Sustainability/Energy Measur	es LS					(294)
					Total	487

PROJECT: To construct a 76,708 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the FLARNG. This facility will be built on State land. (Current Mission)

REQUIREMENT: This facility is designed to meet the Department of the Army (DA) Modified Table of Organization and Equipment (MTOE) changes for the support of three Air Defense Artillery units with a required strength of 260 soldiers: WYKVTO, 1st Battalion 265th Air Defense Artillery Regiment, Headquarters/Headquarters Battalion, activation date October 1, 1988; WYKVCO, 1st Battalion 265th Air Defense Artillery Regiment, Air Defense Artillery Battery C, activation date October 1, 1988; WYKVDO, 1st Battalion 265th Air Defense Artillery Regiment, Maintenance Detachment Company D, activation date October 11, 2011. This programmed project will provide the necessary space to supports training, administrative, and logistical requirement to the units that provide air defense for areas and installations against fixed and rotary wing aircraft, Unmanned Aerial Vehicles (UAV), and Remotely Piloted Vehicles (RPV).

The units are currently housed in a 23,863 SQFT leased facility constructed in 1964 on a 4 acre parcel in downtown Daytona Beach. To alleviate administrative and training challenges at the facility, temporary (portables)facilities have been set up on the site and at a remote location (Deland Readiness Center). The temporary facilities (portables) include a shower and latrine trailer, two administrative trailers, and offsite MOV parking. Based on the availability of land at the current location, and the scope complexity of the work to be done, the funds available through the sustainment, restoration, and modernization (SRM) program cannot provide the relief necessary to meet the full unit requirements.

CURRENT SITUATION: This project is critical to the state of Florida due to the current situation of stationing Florida National Guard soldiers at a leased facility with deficiencies that increase the danger to the soliders health and safety. The facility was constructed in 1964, and has been determined to be structurally unfeasible for rehabilitation. The facility is located on a 4 acre parcel in downtown Daytona Beach, Florida. The Daytona Beach facility is a 49 year old former Reserve Center that was acquired by the Florida Army National Guard (FLARNG) in 1983. The facility was constructed, on a dredge spoil peninsula as part of a marina, located adjacent to the inter-coastal waterway. Consequently, the facility shows notable signs of structural damage, due to incremental settling over the past 40 years, as evidenced by increasingly visible settlement cracks along the north wall and foundation.

The State of Florida has conducted a preliminary design on this project and is currently at 95 % Design.

1. COMPONENT	_	_	·	2. DATE
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ARNG				02 FEB 2015
3. INSTALLATION AND LO	CATION	4. PROJECT TIT	CLE	•
Palm Coast Florida		NATIONAL G	UARD READINES	SS CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	OST (\$000)
0505896A	17180	85401 120173	Approp	18,000

CURRENT SITUATION: (CONTINUED)

The site for this project is in the possession of the state of Florida.

Currently, the state of Florida has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1964.

The indoor air quality was brought into question after black mold was identified growing throughout the facility in 2013. A Mold Assessment/Protocol Report was conducted and the documents the existence of "Black Mold" as a Life Health and Safety (LHS) concern. The LHS concerns were remediated in December of 2013, at a cost of \$125,000. It may be impossible to eliminate the reoccurrence of the Black Mold due to the physical condition of the facility, and the external environmental conditions surrounding the facility.

The FLARNG is taking steps to return the property to the City of Daytona Beach, and relocate the units to an alternate lease location. The FLARNG is taking action to enter into a lease with Flagler County at a cost of \$292,080 per year to include repayment of build-out costs in the initial 2 years. The lease will reduce to \$182,220 per year, with an annual increase of approximately 3% based on the consumer price index. An economic analysis has been completed to support the proposed move. The condition and sustainability cost to remain in the Daytona Beach facility is not feasible.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local	
Code	UID	Code		Year	Rating	Rating	Rating	Name	
1218R	4666	17142	20001	2014	F4	Q4	C4	Leased	Space

The current facilities do not comply with NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), and lacks adequate training areas, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

The location suffers from corrosive salt air/mist all year round. This environment has had a pronounced negative effect on the masonry walls, windows, roof system, fencing, metal finishes, HVAC/Mechanical system, military vehicles, and equipment.

IMPACT IF NOT PROVIDED: If this project is not provided the units' ability to meet their readiness, training objectives, recruiting and retention will continue to be adversely affected if the personnel are not provided adequate facilities. Unit readiness is dependent in part on requirement specified with NG Pam 415-12. The lack of adequate training areas, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space specified as required space criteria contained in NG Pam 415-12 is detrimental to unit readiness. The location suffers from a

1. COMPONENT					2. DATE	
	FY 2016 MILITARY	CONSTRUC'	TION PROJECT D	ATA		
ARNG					02 FEB 2015	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Palm Coast Florida			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
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IMPACT IF NOT PROVIDED: (CONTINUED)

lack of MOV parking, the corrosive salt air/mist has a pronounced negative effect on all the MOTE equipment, and the advanced electronics associated with the ADA Avenger Platform. Battery C/1-265th ADA had to relocate to the Deland Readiness Center 25 miles west of Daytona Beach to avoid escalating maintenance and replacement costs for the equipment. The remote MOV parking requires the unit to travel in order to fulfill sustainment training on supported MOTE equipment, and the additional travel time reduces training man hours.

The Daytona Beach (leased) facility has the following Operation and Maintenance cost projections: A five year economic analysis cost breakdown was conducted for the Daytona Beach facility list a total cost at \$1,947,150. (The breakdown includes: \$125,000 mold remediation, \$510,230 HVAC replacement, \$159,544 window replacement, \$16,576 door replacement, \$48,000 repair and seal roof, \$25,900 seal building, \$50,000 drainage. Annual maintenance \$108,780 [five year cost \$390,000].)

<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

1. COMPONENT					2. DATE
- -		FY 2016 MILI	TARY CONSTRUCTION PR	OJECT DATA	
ARNG					02 FEB 2015
3. INSTALLATION A	AND LOC	ATION	4. PROJE	CT TITLE	
Palm Coast Florida			NATION	AL GUARD READINES	S CENTER
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(2)	Bas	ia:			
(2)	(a)	Standard or Defin	itive Design: NO		
	(a)	Standard of Derin.	icive besign. No		
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(3)	(a)		ns and Specification		997
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	(c)				1,562
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	(e)				
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(4)	Cons	struction Contract A	Award		MAR 2016
					
(5)	Cons	struction Start			APR 2016
(6)	Cons	struction Completion	1		MAR 2018
B. Equi	.pment	t associated with th	nis project which wi	ll be provided fr	om
other app					
Equipment			Procuring	Fiscal Year Appropriated	Cost
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8. STATE GUARD/R							
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10. PROJECTS PLA	NNED IN NEXT I	FOUR YEARS					
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1. COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
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3. INSTALLATION AND L		4.	AREA CONSRUCTION
Sparta	INSNO= 17C27		COST INDEX
Illinois			1.19
14. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
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A. AIR PO	DILLUTION	0	
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1. COMPONENT								2. DA	ATE
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ITEM		UM	(M/E)		QUA	NTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY									1,231
17801 Basis 10m-25m F	iring Range (Zero	FP			32			5,000	(160)
17971 Range Control To	ower	m2	(SF)		26.85	(289)	5,597	(150)
17122 Ammo Brkdwn Bld	g	m2	(SF)		17.19	(185)	2,529	(43)
75061 Bleacher Enclos	ure	m2	(SF)		67.45	(726)	1,399	(94)
17804 Relocate High V	Power	m ((LF)		5,791	(19,000)	131.23	(760)
Sustainability/	Energy Measures	LS							(24)
SUPPORTING FACILITIES									519
Electric Service		LS							(340)
Storm Drainage		LS							(36)
Site Imp(65) Demo()		LS							(65)
Antiterrorism Measure	S	LS							(37)
Other		LS							(41)
									1 750
ESTIMATED CONTRACT CO. CONTINGENCY (5.00%)	51								1,750 88
SUBTOTAL									1,838
SUBTOTAL SUPV, INSP & OVERHEAD	(2 27%)								62
TOTAL REQUEST	(3.37%)								1,900
TOTAL REQUEST									1,900
TOTAL FEDERAL REQUEST									1,900
INSTALLED EQT-OTHER A									(5)
TIOTITIE DE OTTER A		ı		l				ı l	() /

A standard design Basic 10M-25M Firing Range (Zero) of 10. Description of Proposed Construction permanent construction. The Range includes the following items that are integral to the facility; Range Control Tower, Ammunition Breakdown Building, Bleacher Enclosure, and the relocation of high voltage power lines within the surface danger area. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 2,929 SQFT. Disposal of 1 building at Camp Lincoln Training Site, IL (Total 272 m2/2,929 SF). Air Conditioning (Estimated 11 kWr/3 Tons).

 $\frac{11. \text{ REQ:}}{\text{PROJECT:}} \qquad 32 \text{ FP} \qquad \text{ADQT:} \qquad \text{NONE} \qquad \text{SUBSTD:} \qquad \text{NONE} \\ \hline \text{To construct a 32 Firing Point Basic 10M-25M Firing Range (Zero) that supports} \\ \hline \text{training shot-grouping and zeroing exercises with rifles and machine guns for the ILARNG.} \\ \hline \text{This facility will be built on State Land. (Current Mission)}$

I. COMPONENT				Z. DATE
	FY 2016 MILITA	RY CONSTRUCTION PF	ROJECT DATA	
ARNG				02 FEB 2015
3. INSTALLATION AND LOCATI	ON	4. PROJE	CT TITLE	
Sparta Illinois		BASIC	10M-25M FIRING F	RANGE (ZERO)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT (COST (\$000)
0505896A	17801	85626 171001	Approp	1,900

REQUIREMENT: This range is required to support the individual weapons qualification requirements of all personnel assigned to units within the Southern to Central part of the State of Illinois and will also be available for use by other components and agencies. In addition, it will also support the Squad Designated Marksmanship Program. This range will be used during both inactive duty training (IDT) periods and annual training (AT) periods. Fort Illinois currently has a Basic 10-25 Meter Zero Range Delta of 0.16. The sole Basic 10-25 meter Zero Range in the state is located in northern Illinois at the Marseilles Training Area. Due to the location of the existing range, over half of the units in the state would need to travel to fire at Marseilles. Construction of a Basic 10-25 Meter Zero Range in Sparta is critical. The units will continue to use out-of-state training areas or travel 6 hours to Marseilles if the range is not constructed. Results of all limiting factors support the Condition-Adjusted Delta of -.46 in ARRM.

CURRENT SITUATION: This project is critical to the state of Illinois due to the current situation of the only existing range where this mission is currently being conducted was constructed in 1985 at Marseilles Training Site located 270 miles/ 6 hours distance in northern Illinois and is considered inadequate to meet the throughput demands for the ILARNG. The Marseilles range is considered inadequate due to critical deficiencies including lack of military parking, lack of to standard lanes as per weapon requirements, eroding berms and lack of range communications. The range is only usable 79% of the training days available, limitations to weapons system task. This range is approximately a 6 hour drive with a military convoy at 45 mph for the units within the Southern part of the State which exceeds the 2 hour travel distance limit specified in NGB/FORSCOM Reg 350-2. The ILARNG currently cannot meet the needs of the soldiers with qualification requirements without traveling out of state to active duty ranges for their use. The use of these ranges inflicts more funds, time lost from the ILARNG, and ILARNG units often get bumped for active duty units

The State of Illinois has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of Illinois.

Currently, the state of Illinois has begun the environmental assessment on this project.

There currently is no facility to complete the mission.

Currently soldiers assigned to the southern portion of the state have to travel to the northern end of the state to conduct this training incurring travel costs and lodging costs.

Site Site Cat FACNO ISR-I F C Local Rating Rating Name Code UID Code Year 17B60 7352 17801 RG001 2014 F402 C4 Marseilles 10/25 Range

IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Sparta Illinois			BASIC 10M-25M	FIRING RANG	GE (ZERO)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17801		6626 71001	Approp	1,900

IMPACT IF NOT PROVIDED: (CONTINUED)

train on inadequate ranges, and excessive travel distances will continue to reduce limited training time, resulting in reduced training and mobilization readiness standards of the ILARNG. This range is needed to support the qualification requirements for the soldiers of the ILARNG. Currently only 50% of soldiers are able to meet this requirement during inactive duty training. The alternatives result in increased costs and loss of valuable collective training time normally reserved for other Warrior Tasks. Overall, readiness will be degraded without the addition of another range for the State of Illinois. This existing deficiency will continue to adversely affect the training for ILARNG units and their ability to meet mission essential training.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.

ECONOMIC ANALYSIS: Project cost <= 2 Million --> No Economic analysis is needed.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JUN	2014
(b)	Percent Complete as of January 2015		35
(c)	Date 35% Designed	JAN	2015
(d)	Date Design Complete	JAN	2016
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: YES

1. COMPONENT				2. DATE
	FY 2016 MILITA	RY CONSTRUCTION PRO	JECT DATA	
ARNG				02 FEB 2015
3. INSTALLATION AND LO	CATION	4. PROJECT	r title	
Sparta Illinois		DACTO 1	.0M-25M FIRING RAI	NCE (ZEDO)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	
		85626		
0505896A	17801	171001	Approp	1,900
12. SUPPLEMENTA	<u> </u>			
	ed Design Data: (CONTII			
(b)	Where Design Was Mo	st Recently Used:		
/2) m-+	1 Danian Cart (a)	/-\-/1-\ OD /-1\-/-\•		(\$0.00)
	tal Design Cost (c) = Production of Plans			(\$000) 105
(a) (b)		_		60
(D)				165
(d)				165
(e)				0
(0)	III IIGabe		• • • • • • • • • • • • • • • • • • • •	
(4) Cor	struction Contract Awa	ard		MAR 2016
(5) Cor.	nstruction Start			APR 2016
(6) Con	struction Completion.			OCT 2017
B. Equipmen other appropr	nt associated with this	s project which wil	l be provided fro	om
other appropr	. Tations.		Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
F F & E		OMNG	2017	5
			Total	
			IOCAI	9
	CFMO Phone	217-761-3595		

Number:

1. COMPON	ENT			FY 2016 GUARD	AND RESERVE		2. DATE	
ARNG				MILITARY CC	NSTRUCTION		02 FEB	2015
1							02 122	2010
1								
3. INSTAL	LATION AND L	OCATION					4. AREA CO	NSRUCTION
Salina				TNCNO	= 20D05		COST IN	DEV
				INSINO-	- 20003		COST IN	
Kansas								.90
5 FRECUE	NCY AND TYPE	OF UTIL	TZATTON				ı	
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Suppor	t logistical	and ope	rational a	activities for t	craining 365 day	s/year.		
6. OTHER	ACTIVE/GUARD	/RESERVE	INSTALLA	TIONS WITHIN 15	MILE RADIUS			
ARNG	Salina, KS	3		11.00 miles Mai	ntenance Facilit	y 1,115 m2	(12,000 SF)	1954
ARNG	Salina, KS			10 00 miles Avi	ation Facility	1 201 m2	(14 000 cm)	1992
					=	•		
ANG	Brookville	e, KS		3.00 miles Bom	bing range	1,672 m2	(18,000 SF)	1990
7. PROJEC'	TS REQUESTED	IN THIS	PROGRAM					
CATEGO:	RY					COST	DESIGN	STATUS
CODI	E PROJECT	יי דיייד די			SCOPE	(\$000)	START	CMPL
17822	AUTOMATE	ED COMBAT	r PISTOL/M	1 m2	(15 FP)	2,400	JUN 2014	OCT 2015
8. STATE	GUARD/RESERV	E FORCES	FACILITI	ES BOARD RECOMM	ENDATION			
FACILI	TIES IDENTIF	'IED IN I	TEM #6 HA	VE BEEN EXAMINEI	D BY THE STATE R	ESERVE FORCES	16 JU	N 2014
					THE BOARD RECOM			ate)
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UNILAT	ERAL CONSTRU	CTION.						
9. LAND A	CQUISITION R	EQUIRED						
None								0
							(Number of	acres)
							(Number of	acres,
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		IN NEXI	FOOR TEAR	5				
CATEGO:	RY							COST
CODE	PROJECT I	TITLE				SCOPE		(\$000)
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17100	nacionai	Guara no	eddinebb e	CIICCI	10,03	0 1117,032 6	J1 /	33,000
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A SITE THE ES' 11. PERSO AUTHOR ACTUAL 12. RESER UNIT D: (CTR T:	SURVEY HAS TIMATED COST NNEL STRENGT IZED VE UNIT DATA ESIGNATION RAINING CENT EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COM INDICAT TH AS OF TOTAL 14 14 14 TER K) TOTAL 17 18 19 10 10 11 11 11 11 11 11 11 11 11 11 11	PLETED AND ED. 03 DEC 20. PERMAI OFFICER 2 2	D THE SITE IS SU 14 NENT ENLISTED CIVI: 1 1	LIAN 11 11 11	GU TOTAL 29 29 MTOE/TDA NGW911AA Assic	JARD/RESERVE OFFICER 3 3 3 STREN AUTHORIZED 29 29 29 gned/Authori ED 0 0 0 0	ENLISTED 26 26 26 GTH ACTUAL 29 29 29 zed: 100% ACTUAL 0 0 0 0
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A SITE THE ES' 11. PERSO AUTHOR ACTUAL 12. RESER UNIT D: (CTR T:	SURVEY HAS TIMATED COST NNEL STRENGT IZED VE UNIT DATA ESIGNATION RAINING CENT EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel Truck	BEEN COM INDICAT TH AS OF TOTAL 14 14 14 TER K) TOTAL 17 18 19 10 10 11 11 11 11 11 11 11 11 11 11 11	PLETED AND ED. 03 DEC 20. PERMAI OFFICER 2 2	D THE SITE IS SU 14 NENT ENLISTED CIVI: 1 1	LIAN 11 11 TPSN	GU TOTAL 29 29 MTOE/TDA NGW911AA Assic	JARD/RESERVE OFFICER 3 3 STREN AUTHORIZED 29 29 gmed/Authori ED 0 0 0 0 0 0	ENLISTED 26 26 26 GTH ACTUAL 29 29 29 Zed: 100% ACTUAL 0 0 0 0 0 0
A SITE THE ES' 11. PERSO AUTHOR ACTUAL 12. RESER UNIT D: (CTR T:	SURVEY HAS TIMATED COST NNEL STRENGT IZED VE UNIT DATA ESIGNATION RAINING CENT EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck HET	BEEN COM INDICAT TH AS OF TOTAL 14 14 14 TER K) TOTAL 17 18 19 10 10 11 11 11 11 11 11 11 11 11 11 11	PLETED AND ED. 03 DEC 20. PERMAI OFFICER 2 2	D THE SITE IS SU 14 NENT ENLISTED CIVI: 1 1	LIAN 11 11 TPSN	GU TOTAL 29 29 MTOE/TDA NGW911AA Assic	JARD/RESERVE OFFICER 3 3 STREN AUTHORIZED 29 29 gmed/Authori ED 0 0 0 0 0 0	ENLISTED 26 26 26 GTH ACTUAL 29 29 29 Zed: 100% ACTUAL 0 0 0 0 0 0
A SITE THE ES' 11. PERSO AUTHOR ACTUAL 12. RESER UNIT D: (CTR T:	SURVEY HAS TIMATED COST NNEL STRENGT IZED VE UNIT DATA ESIGNATION RAINING CENT EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck HET	BEEN COM INDICAT TH AS OF TOTAL 14 14 14 TER K) TOTAL 17 18 19 10 10 11 11 11 11 11 11 11 11 11 11 11	PLETED AND ED. 03 DEC 20. PERMAI OFFICER 2 2	D THE SITE IS SU 14 NENT ENLISTED CIVI: 1 1	LIAN 11 11 TPSN	GU TOTAL 29 29 MTOE/TDA NGW911AA Assic	JARD/RESERVE OFFICER 3 3 STREN AUTHORIZED 29 29 gmed/Authori ED 0 0 0 0 0 0	ENLISTED 26 26 26 GTH ACTUAL 29 29 29 Zed: 100% ACTUAL 0 0 0 0 0 0

1.	COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		02 FEB 2015
3.	INSTALLATION AND I	LOCATION	4.	AREA CONSRUCTION
	Salina	INSNO= 20D05		COST INDEX
	Kansas			.90
		TION AND SAFETY DEFICIENCIES		
	. 0010111101110 10220	(\$000)	
	A. AIR PO		0	
			0	
			0	
	0. 000011		•	

1. COMPONENT									2. DA	ATE
		FY 2016 MILITA	ARY (CONSTR	RUCI	TION PROJEC	CT DATA			
ARNG									0.2	FEB 2015
3. INSTALLATION AND LO	CATION					4. PROJECT TI	TLE			122 2010
0-14						7.TEON 7.EED	COMPASS S	ташат	/MD =	TDDADMO
Salina						AUTOMATED OUALIFICAT			/MP F	TREARMS
Kansas 5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJ		~		JECT CO		10.)
5. PROGRAM ELEMENT		6. CALEGORY CODE		7. PROJ	ECI	NUMBER	8. PRO	OECI CO	51 (\$00	JU)
						628				
0505896A		17822			20	0112	Approp		2	4,400
			9. (COST EST	TAMI	ES				
	ITEM		UM	(M/E)		QUANTI	TY	UNIT	COST	COST(\$000)
PRIMARY FACILITY										1,476
17822 CPQC			FP			15	_	2.2	2,000	(330)
17971 Range Cont	rol T	OWAY		(SF)	ļ	61.04 (657	ı	L,399	
17122 Range Ops			- 1	(SF)		74.32 (800		+	(112)
			- 1					l l	L,507	
17122 Ammo Brkdw	n Bla	g	- 1	(SF)		17.19 (185		3,121	(54)
73075 Latrines			m2	(SF)		51.10 (550) 2	2,798	
Total from Con										(752)
SUPPORTING FACIL	ITIES									733
Electric Service			LS				_	-		(150)
Water, Sewer, Ga	s		LS				_	-		(145)
Paving, Walks, C	urbs	And Gutters	LS				_	_		(31)
Storm Drainage			LS				_	_	1	(38)
Site Imp(95) Dem	0()		LS				_			(95)
_			1							
Information Syst			LS				_	-		(85)
Antiterrorism Me	asure	S	LS				-	-		(32)
Other			LS				-	-		(157)
ESTIMATED CONTRA	CT CO	ST								2,209
CONTINGENCY (5.0	0왕)									110
SUBTOTAL										2,319
SUPV, INSP & OVE	RHEAD	(3.49%)								81
TOTAL REQUEST		(/								2,400
TOTAL FEDERAL RE	∩IIF CT	i.								2,400
TOTAL FEDERAL RE										
										2,400
INSTALLED EQT-OT					<u> </u>					(541)
10. Description of Pro										itary Police
Fire Arms Qualif	icati	on Course of per	mane	nt coi	nst	ruction. T	he Range	inclu	ıdes	the
following items	that	are integral to	the	facil	ity	; Range Co	ntrol To	wer, F	≀ange	Operation
and storage buil	ding,	Ammunition Break	kdow	n Buil	ldiı	ng, Latrin	es, Blead	cher E	Inclo	sure, Range
Classroom Buildi	ng, M	ess Shelter and	Stat	ionary	y Ii	nfantry Ta	rgets (Si	IT) en	nplac	ements. This
facility will be										
Federal building		_		_						
		ormation systems								
_										
		drainage, parki								
designed to a mi										
		ing energy effic								
systems performa	nce a	s per ASA(IE&E)	Sus	tainal	ble	Design an	d Develop	pment	Poli	cy Update
Dec 2013. Acces	s for	individuals with	h di	sabil	iti	es will be	provide	d. Ant	:iter	rorism
measures in acco	rdanc	e with the DoD M	inim	um Ant	tite	errorism f	or build:	ing st	canda:	rds will be
provided. This p										
through the disp										
Area, KS (Total										
Inca, No (10cal	ااا کرد	.2,1,000 DF). AL		114161	O1111	ing (Bacilla	CCG TO N	11 / 11	10112	<i>,</i> •
11. REQ: 1	5 FP	ADQT:			NOI	NF:	SUBSTD:			NONE
		ct a 15 firing p	oin+	autor				ilitər	OV DO	
10 00	IID CI U	oc a 13 titing p	O 111 C	aucol	iia C	ca combat	U C U I / IVI.	cal	.у РО.	1100
i										

1. COMPONENT							2. DATE	Ξ	
	FY 2016 MILITA	RY (CONSTRUC	TION PROJ	ECT I	ATA			
ARNG							02 1	FEB 2015	
3. INSTALLATION AND LOCATION				4. PROJECT	TITLE		•		
Salina				AUTOMATE	D COM	BAT PIS	TOL/MP FI	REARMS	
Kansas				QUALIFIC	ATION	COURSE			
6. CATEGORY CODE			7. PROJECT	NUMBER		8. PROJEC	ECT COST (\$000)		
0505006-	15000			5628			•	400	
0505896A	17822		20	00112		Approp	2,	400	
9. COST ESTIMATES (CO	<u>,</u>	UM	(M/E)	AUQ	TITY		UNIT COST	COST (\$000)	
PRIMARY FACILITY (CON	TINUED)								
17123 Bleacher Enclos	ure	m2	(SF)	67.45	(726)	1,416	(96)	
17123 Range Classroom	Buildng	m2	(SF)	74.32	(800)	2,207	(164)	
17139 Mess Shelter		m2	(SF)	74.32	(800)	1,406	(104)	
17804 SIT-Emplacement:	S	EΑ		120			3,000	(360)	
Sustainability/	Energy Measures	LS						(28)	

PROJECT: (CONTINUED)

Firearms Qualification Course and 4,518 SQFT of range support structures. The project has been validated and approved by ARNG-TR. This project will be built on Federal land. (Current Mission)

REQUIREMENT: This project is designed to meet the individual weapons familiarization, training, and qualification requirements of all units of the Kansas Army National Guard. This range lacks adequate range operations and control area (ROCA) facilities and is in very poor condition. This range has received validation by the Smoky Hill Major Training Area (SHMTA) Range Control Master Plan (RCMP). This project is in accordance with the Smoky Hill Major Training Area (SHMTA) Range Control Master Plan (RCMP). The 2015 Army Range Requirements Model (ARRM) report shows a total requirement of 7.0 Record Days.

CURRENT SITUATION: This project is critical to the state of Kansas due to the current situation of mission readiness. The current five lane Combat Pistol Course (CPC) does not comply with TC 25-8 "Training Ranges" criteria. It is over utilized and falls well short of achieving required throughput during peak training periods. This range needs to be relocated to a common firing line with the other Smoky Hill MTA ranges safety and operational efficiency. The current Combat Pistol Range is sited behind the common firing line. Use of this range requires vacating most of the other ranges at SHMTA due to surface danger zone overlap. This facility is in poor condition and operating costs are inordinately high for such a small facility. The course has no automation, no computer scoring, and only five of the required fifteen firing points. The range configuration does not support the move-out portion of Table 5 qualification training. This range has only four of the seven required range support buildings.

The State of Kansas has conducted a preliminary design on this project and is currently at 65 % Design.

The site for this project is not in the possession of the state of Kansas.

Currently, the state of Kansas has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1996.

Total

752

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Salina Kansas			AUTOMATED COM: QUALIFICATION	·	MP FIREARMS
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	628		
0505896A	17822	20	0112	Approp	2,400

CURRENT SITUATION: (CONTINUED)

RAC score Probability Code is C (Possible to Occur in Time) is due to the lack of a common firing line. The current CPC range is located behind the firing line of the ARF and MPMG ranges. The hazard severity code is potentially catastrophic should facilities in the surface danger zone of the CPC range not be cleared prior to going hot.

Site Site Cat FACNO ISR-I F Local Q CCode UID Code Year Rating Rating Name 20D05 3283 17821 26756 2015 Smokey Hill MTA F3 Q3 C4

IMPACT IF NOT PROVIDED: If this project is not provided, KSARNG units will continue to train on an obsolete and inadequate small arms range. Soldiers may be unable to adequately meet their training, qualification, and pre-mobilization requirements. The lack of ROCA support facilities degrades training effectiveness. This range cannot handle required throughput during peak periods. Use of this range restricts the use of nearly all other training venues at Smoky Hill MTA. Therefore, readiness will continue to degrade as maintenance cost continues to escalate with ongoing repair of outdated facilities.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and no physical security measures are required.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

. COMPONE	NT					2. DATE
			FY 2016 MIL	ITARY CONSTRUCTION P	ROJECT DATA	
	RNG			la pos		02 FEB 2015
. INSTALL	ATION A	ND LOCA	ATION		ECT TITLE	
alina ansas					ATED COMBAT PISTOL FICATION COURSE	/MP FIREARMS
PROGRAM	ELEMEN	Г	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)
505896	A		17822	85628 200112	Approp	2,400
2. SU	PPLEME	ENTAL	DATA (CONTINUED.	.)		
			d Design Data: (COI			
		(b)	Percent Complete	as of January 2015.		65
		(c)	Date 35% Designed	d		NOV 2014
		(d)		lete		OCT 2015
		(e)		Estimating Used to Do		NO
		(f)		ontract: Design-bid	_	
		(g)		and life cycle cost a		
		,		g the final design.	·	
				5		
	(2)	Basi	ls:			
		(a)	Standard or Defin	nitive Design: YES		
		(b)		Most Recently Used:		
	(3)	Tota	al Dogian Cost (s)	- (a) (b) OP (d) (o	١.	(\$000)
	(3)			= (a)+(b) OR (d)+(e)		
		(a)		ans and Specification		133
		(b)		Costs		75
		(c)	_	t		208
		(d)				208
		(e)	In-nouse		• • • • • • • • • • • • •	0
	(4)	Cons	struction Contract	Award		MAR 2016
	(5)	Cons	struction Start			APR 2016
	(6)	Cons	struction Completio	on		MAR 2018
В.	Equi	pment	t associated with t	this project which w	ill be provided fr	OM
			lations:	_ -		
Eoui	pment			Procuring	Fiscal Year Appropriated	Cost
	nclat	ure		Appropriation	Or Requested	(\$000)
Barr	icade	 s		OMNG	2017	15
F F				OMNG	2017	72
Targ	ets			OMNG	2017	427
	Sys			OPA	2017	23
Info	Sys	- PRC)P	OMNG	2017	4
					Total	541
			CFMO Phone			
			Number:	785-274-117	7	

1.	COMPONENT			FY 2016 GUA	RD AND RESERVE			2. DATE	
	ARNG			MILITARY	CONSTRUCTION			02 FEB	2015
3.	INSTALLATION AND L	OCATION						4. AREA CO	NSRUCTION
	Salina			INSN	IO= 20D05			COST IN	IDEX
	Kansas								.90
5.	FREQUENCY AND TYPE	OF UTII	LIZATION						
	Support logistical	and ope	erational	activities for	training 365 d	lays/year.			
6.	OTHER ACTIVE/GUARD	/RESERVE	INSTALLA	ATIONS WITHIN 1	5 MILE RADIUS				
	ARNG Salina, KS	;		11.00 miles M	aintenance Faci	lity 1,115 m2	(1	12,000 SF)	1954
	ARNG Salina, KS	;		10.00 miles A	viation Facilit	v 1.301 m2	(1	14.000 SF)	1992
						=			
	ANG Brookville	, KS		3.00 miles B	ombing range	1,672 m2	(]	18,000 SF)	1990
7	PROJECTS REQUESTED	TN THIS	S DROGRAM						
	-	111 11111	ricodidar						
	CATEGORY					CO	ST	DESIGN	STATUS
	CODE PROJECT	TITLE			SCOPE	(\$0	00)	START	CMPL
	17806 MODIFIEI	RECORD	FIRE RAN	G 4 m2	(48 FP)	4,	300	AUG 2014	OCT 2015
8.	STATE GUARD/RESERV	E FORCES	FACILIT	IES BOARD RECOM	MENDATION				
	FACILITIES IDENTIF	IED IN 1	TEM #6 H	AVE BEEN EXAMIN	ED BY THE STATE	RESERVE FORCES	3	16 און	N 2014
	FACILITIES BOARD F								ate)
			TOTE OOTN	L OSE/EARANSION	. INE DUAKU KEC	AA GMULIAGMAITING.	\L	(L	ule/
	UNILATERAL CONSTRU	CTION.							
	TAND AGOUTGEMENT D	DOUTDED							
9.	LAND ACQUISITION R	EQUIRED							
	None								0
								(Number of	acres)
10.	PROJECTS PLANNED	IN NEXT	FOUR YEAR	RS					
	CATEGORY								COST
		ים דידידי				SCODE			(4000)
	CODE PROJECT T					SCOPE			(\$000)
	CODE PROJECT 1 17180 National DEFERRED SUSTAINME A SITE SURVEY HAS	Guard Re	CORATION,	AND MODERNIZAT	CION (SRM):	998			33,000
	17180 National DEFERRED SUSTAINME	Guard Ro NT, REST BEEN COM	CORATION, MPLETED AN	AND MODERNIZAT	CION (SRM):	998			33,000
	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	Guard Ro NT, REST BEEN COM	CORATION, MPLETED AN	AND MODERNIZAT	CION (SRM):	998			33,000
	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	Guard Ro NT, REST BEEN COM	CORATION, MPLETED AN	AND MODERNIZAT ND THE SITE IS	CION (SRM):	998	гне р		33,000
	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	Guard Ro NT, REST BEEN COM	CORATION, MPLETED AN TED. 02 DEC 20 PERMA	AND MODERNIZAT ND THE SITE IS D14 ANENT	CION (SRM):	998	THE P	PROPOSED PR	33,000
	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	Guard Ro	CORATION, MPLETED AN CED. 02 DEC 20 PERMA OFFICER	AND MODERNIZAT ND THE SITE IS 114 ANENT ENLISTED CIV	TION (SRM): SUITABLE FOR CC	998 ONSTRUCTION OF T	THE P GUA	PROPOSED PR PROPOSED PR PROPOSERVE PROPOSED PROPOSED PROP	33,000 OJECT AT
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	Guard Round Round, REST BEEN CON INDICAT H AS OF	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV	TION (SRM): SUITABLE FOR CC	998 ONSTRUCTION OF 1	GUA AL 29	PROPOSED PR	33,000 OJECT AT ENLISTED 26
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	Guard Ro	CORATION, MPLETED AN CED. 02 DEC 20 PERMA OFFICER	AND MODERNIZAT ND THE SITE IS 114 ANENT ENLISTED CIV	TION (SRM): SUITABLE FOR CC	998 ONSTRUCTION OF 1	THE P GUA	PROPOSED PR PROPOSED PR PROPOSERVE PROPOSED PROPOSED PROP	33,000 OJECT AT
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	Guard Round Round, REST BEEN CON INDICAT H AS OF	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV	TION (SRM): SUITABLE FOR CC	998 ONSTRUCTION OF 1	GUA AL 29	PROPOSED PR	33,000 OJECT AT ENLISTED 26
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	Guard Ro NT, REST BEEN CON INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV	TION (SRM): SUITABLE FOR CC	998 ONSTRUCTION OF 1	GUA AL 29	PROPOSED PR	33,000 OJECT AT ENLISTED 26
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL	Guard Ro NT, REST BEEN CON INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV	TION (SRM): SUITABLE FOR CC	998 ONSTRUCTION OF 1	GUA AL 29	PROPOSED PR	OJECT AT ENLISTED 26 26
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN CON INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS 1 1	PION (SRM): SUITABLE FOR CO VILIAN 11 11	998 ONSTRUCTION OF T	GUA AL 29 29	PROPOSED PR	33,000 OJECT AT ENLISTED 26 26
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF T TOT	GUA AL 29 29	PROPOSED PRO	OJECT AT ENLISTED 26 26 GGTH ACTUAL
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS 1 1	PION (SRM): SUITABLE FOR CO VILIAN 11 11	998 ONSTRUCTION OF T	GUA AL 29 29	PROPOSED PR	OJECT AT ENLISTED 26 26 GGTH ACTUAL
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF T TOT	GUA AL 29 29	PROPOSED PRO	33,000 OJECT AT ENLISTED 26 26 GGTH ACTUAL 29
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF T TOT	GUA AL 29 29	PROPOSED PRO	33,000 OJECT AT ENLISTED 26 26 GGTH ACTUAL 29
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF T TOT MTOE/TDA NGW911AA	GUA AL 29	PROPOSED PRO	OJECT AT ENLISTED 26 26 IGTH ACTUAL 29
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	Guard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14	CORATION, MPLETED AN TED. 02 DEC 20 PERMA OFFICER 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF T TOT MTOE/TDA NGW911AA	GUA AL 29	PROPOSED PRO	OJECT AT ENLISTED 26 26 IGTH ACTUAL 29
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	Guard Ro Rouard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14 14	CORATION, MPLETED AN CED. 02 DEC 20 PERMA OFFICER 2 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF T TOT MTOE/TDA NGW911AA	GUA AL 29	PROPOSED PRO	OJECT AT ENLISTED 26 26 IGTH ACTUAL 29
11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	Guard Ro Rouard Ro NT, REST BEEN COM INDICAT H AS OF TOTAL 14 14 14	CORATION, MPLETED AN CED. 02 DEC 20 PERMA OFFICER 2 2	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 UIC	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF TOT TOT MTOE/TDA NGW911AA As	GUA AL 29 29	PROPOSED PRO	33,000 OJECT AT ENLISTED 26 26 IGTH ACTUAL 29 29 zed: 100%
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11.	17180 National DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL TRUCK HET	Guard Ro Guard Ro NT, REST BEEN CON INDICAT H AS OF TOTAL 14 14 14 ER K)	CORATION, MPLETED AND TED. 02 DEC 20 PERMA OFFICER 2 2 RAFT	AND MODERNIZAT ND THE SITE IS D14 ANENT ENLISTED CIV 1 1 1	TION (SRM): SUITABLE FOR CO VILIAN 11 11 TPSN	998 ONSTRUCTION OF TOT TOT MTOE/TDA NGW911AA As	GUA AL 29 29 ((((((((((((((((((((((((((((((((PROPOSED PRO	33,000 OJECT AT ENLISTED 26 26 IGTH ACTUAL 29 29 Zed: 100%

1. COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
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3. INSTALLATION AND I		4.	AREA CONSRUCTION
Salina	INSNO= 20D05		COST INDEX
Kansas			.90
14. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES	•	
		(\$000)	
A. AIR PO	OLLUTION	0	
	POLLUTION	0	
	ATIONAL SAFETY AND HEALTH	0	
C. OCCOI	ATIONAL GAPETI AND HEADTH	O	

1. COMPONENT					2. DATE
	FY 2016 MILITARY	CONSTRUCT	TION PROJECT 1	DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATIO	N		4. PROJECT TITLE		
Salina					
Kansas			MODIFIED RECO	ORD FIRE RAN	GE
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Γ (\$000)
		85	629		
0505896A	17806	20	0113	Approp	4,300
	9	. COST ESTIMAT	TES	_	

	9. COST ESTIN	MATES			
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY					3,083
17806 MRF	FP	16		73,500	(1,176)
17971 Range Control Tower	m2 (SF)	61.04 (657)	3,681	(225)
17122 Range Ops & Strg	m2 (SF)	74.32 (800)	2,723	(202)
17122 Ammo Brkdwn Bldg	m2 (SF)	34.37 (370)	3,929	(135)
73075 Latrines	m2 (SF)	51.10 (550)	2,540	(130)
Total from Continuation page					(1,215)
SUPPORTING FACILITIES					876
Electric Service	LS				(200)
Water, Sewer, Gas	LS				(187)
Paving, Walks, Curbs And Gutters	LS				(33)
Storm Drainage	LS				(40)
Site Imp(234) Demo()	LS				(234)
Information Systems	LS				(37)
Antiterrorism Measures	LS				(38)
Other	LS				(107)
ESTIMATED CONTRACT COST					3,959
CONTINGENCY (5.00%)					198
SUBTOTAL					4,157
SUPV, INSP & OVERHEAD (3.44%)					143
TOTAL REQUEST					4,300
TOTAL FEDERAL REQUEST					4,300
TOTAL FEDERAL REQUEST (ROUNDED)					4,300
INSTALLED EQT-OTHER APPROP					(694)

A standard design Modified Record Fire (MRF) range (ALT) 10. Description of Proposed Construction and a standard design 10-Meter/25-Meter (ZERO) range both of permanent construction. The Ranges includes the following items that are integral to the facility; Range Control Tower, Range Operation and Storage Building, Ammunition Breakdown Building, Latrines, Bleacher Enclosure, Range Classroom Building, Mess Shelter, relocation of existing tower/ bleacher and Stationary Infantry Targets (SIT) emplacements. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 4,778 SQFT. Disposal of 1 building at Hiawatha Readiness Center, KS (Total 259 m2/2,790 SF), 1 building at Marysville Readiness Center, KS (Total 18 m2/192 SF), 1 building at Smoky Hill Maj Training Area, KS (Total 45 m2/480 SF), and 4 buildings at JFHQ - KANSAS, KS (Total 122 m2/1,316 SF). Air Conditioning (Estimated 18 kWr/5 Tons).

1. COMPONENT							2. DATE	
	FY 2016 MILITA	RY (CONSTRUC	CTION PROJ	JECT I	ATA		
ARNG							02 F	'EB 2015
3. INSTALLATION AND LOCA	NOITA			4. PROJECT	TITLE			
Salina								
Kansas				MODIFIE) RECO	RD FIRE	RANGE	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	r NUMBER		8. PROJEC	T COST (\$000)	
			8	5629				
0505896A	17806		2	00113		Approp	4,3	300
9. COST ESTIMATES	(CONTINUED)							
							UNIT	COST
	ITEM	UM	(M/E)	QUAI	YTITY		COST	(\$000)
PRIMARY FACILITY	(CONTINUED)							
17123 Bleacher En	<u></u>	m2	(SF)	67.45	(726)	2,045	(138)
17123 Range Class	room Buildng	m2	(SF)	74.32	(800)	2,500	(186)
17139 Mess Shelte	r	m2	(SF)	74.32	(800)	2,476	(184)
17801 10/25 Range		FP		32			5,000	(160)
17806 SIT Emplace	ments	EΑ		144			3,000	(432)
17971 Relocate Ex	isting Tower/Bleacher	m2	(SF)	20.90	(225)	2,530	(53)
Sustainabil	ity/Energy Measures	LS						(62)
							Total	1,215

PROJECT: This project will renovate and convert an existing 12-lane Automated Record Fire (MRF) range to a standard Modified Record Fire (MRF) range with scope of 16 firing points and construct a new 10-Meter/25-Meter (ZERO) range with scope of 32 firing points. This range is used to train and test individual Soldiers on the skills necessary to identify, engage, and defeat stationary infantry targets for day/night qualification

NONE

SUBSTD:

NONE

identify, engage, and defeat stationary infantry targets for day/night qualification requirements with the M16 and M4 series rifles. The project has been validated and approved ARNG-TR. This range will be available for use by other agencies and will be constructed on Federal land. (Current Mission)

ADOT:

11. REQ:

48 FP

REQUIREMENT: This project is programmed to provide the full requirements of a Modified Record Fire (MRF) range with scope of 16 firing points. In conjunction, a new 10/25-Meter (ZERO) range will be constructed adjacent to MRF along a common firing line with a scope of 32 firing points and range support structures. A complement of eight range support buildings will be constructed with this project. Some of the buildings are to be sited at either range. This range will support the individual weapons familiarization, training, and qualification requirements of all units of the Kansas Army National Guard. This range lacks adequate range operations and control area (ROCA) facilities and lacks required firing points. This range has received validation by the Smoky Hill Major Training Area (SHMTA) Range Control Master Plan (RCMP). The existing MRF and the 10/25 Meter ZERO ranges at Smoky Hill MTA are heavily used. The 2015 Army Range Requirements Model (ARRM) report calculates a total requirement of 22 Record Days for the MRF range and 64.5 Record Days for the 10/25 Meter ZERO range.

CURRENT SITUATION: This project is critical to the state of Kansas due to the current situation of mission readiness. The facilities currently supporting this mission do not comply with TC 25-8 "Training Ranges" criteria. The current range lacks adequate ROCA facilities, is undersized with only 12 firing positions, and has an obsolete tower. It lacks required automation to meet current standards and the SITs and range wiring need upgrades. Operating costs are high due to the age and condition of range facilities. This project is a renovation of the existing, substandard Automated Record Fire Range.

The State of Kansas has conducted a preliminary design on this project and is currently at 65 % Design.

1. COMPONENT				2. DATE
	FY 2016 MILITAR	Y CONSTRUCTION PROJECT	DATA	
ARNG				02 FEB 2015
3. INSTALLATION AND LO	CATION	4. PROJECT TITLE	Ξ	•
Salina Kansas		MODIFIED RE	CORD FIRE RAN	1GE
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)
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CURRENT SITUATION: (CONTINUED)

The site for this project is in the possession of the state of Kansas.

Currently, the state of Kansas has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1990.

RAC score Probability Code is C (Possible to Occur in Time) is due to the lack of a common firing line with the current Zero range located behind the firing line of the ARF and MPMG ranges. The hazard severity code is potentially catastrophic should facilities in the surface danger zone of the Zero range not be cleared prior to going hot.

Site Site Cat FACNO ISR-I F C Local Rating Rating Name Code UID Code Year 20D05 3283 17805 26754 2014 F3 01 C4 Smokey Hill MTA

IMPACT IF NOT PROVIDED: If this project is not provided, KSARNG units will continue to train on an archaic and undersized Automated Record Fire range and an aging 10-Meter/25-Meter (ZERO) that lacks an operations building, classroom, and latrine. The existing 12-lane ARF range cannot handle required throughput during peak periods and the operations and maintenance cost is escalating rapidly due to ageing facilities. By not moving the 10-Meter/25-Meter (ZERO) to the common firing line, training efficiency is seriously impaired at the Smoky Hill MTA due to the requirement to vacate other venues. KSARNG Soldiers find it increasingly difficult to fulfill their training, qualification, and pre-mobilization requirements. Therefore, readiness will be degraded.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices,

will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and no physical security measures are required.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.

ECONOMIC ANALYSIS: An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. The facility will not be available for use by other components.

	ENT						2. DATE
			FY 2016 M	MILITARY CONSTRUC	TION PROJEC	T DATA	
A.	RNG						02 FEB 2015
3. INSTALI	LATION AL	ND LOCA	TION		4. PROJECT TIT	LE	
Salina					MODIFIED		ICE
Kansas 5. PROGRAM	1 ELEMENT	<u> </u>	6. CATEGORY COD	E 7. PROJECT		ECORD FIRE RAN 8. PROJECT COS	
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	PPLEME		Design Data:				
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	(1)	(a)		ate			AUG 2014
		(b)		te as of January			65
		(c)	_	ned			NOV 2014
		(d)		mplete			OCT 2015
		(u) (e)		t Estimating Use			
		(f)		Contract: Design			
		(g)		y and life cycle	_		
		(3)		ing the final de		~_~ "+++ &C	
					5 1		
	(2)	Basi	s:				
	,	(a)	Standard or De	finitive Design:	YES		
		(b)		as Most Recently	Used:		
			J	-			
	(3)	Tota	l Design Cost (c) = (a) + (b) OR	(d)+(e):		(\$000)
		(a)	Production of	Plans and Specif	ications		237
		(b)	All Other Desi	an Coata			134
				911 00505			134
		(c)	Total Design C	ost			371
		(c) (d)					
		. ,	Contract	ost			371
		(d)	Contract	ost			371 371
	(4)	(d) (e)	Contract In-house	ost			371 371
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	(5)	(d) (e) Cons	Contract In-house truction Contractruction Start.	ost ct Award			371 371 0 MAR 2016 APR 2016
ם	(5)	(d) (e) Cons	Contract In-house truction Contractruction Start. truction Comple	ct Award			371 371 0 MAR 2016 APR 2016 MAR 2018
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	1977 1959 1959 STATUS CMPL OCT 2015 PR 2014 Date)
3. INSTALLATION AND LOCATION Easton INSNO= 24A75 Seston INSNO= 24A75 1. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month. 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG Queen Anne, MD 20.00 miles Readiness Center 1,630 m2 (17,542 SF) ARNG Annapolis, MD 44.00 miles Readiness Center 3,718 m2 (40,023 SF) ARNG Salisbury, MD 46.00 miles Readiness Center 3,718 m2 (40,023 SF) ARNG Salisbury, MD 46.00 miles Readiness Center 3,072 m2 (33,070 SF) 7. PROJECTS REQUESTED IN THIS PROGRAM CATEGORY CODE PROJECT TITLE SCOPE (\$000) START 17180 NATIONAL GUARD READINESS 4,114 m2 (44,279 SF) 13,800 OCT 2012 8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES 23 APF FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES (DB UNILATERAL CONSTRUCTION. 9. LAND ACQUISITION REQUIRED None (Number of 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE NONE DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 9,139 A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROTIE ESTIMATED COST INDICATED. 11. PERSONNEL STRENGTH AS OF 02 DEC 2014	DNSRUCTION NDEX .99 1977 1959 1959 STATUS CMPL OCT 2015 PR 2014 Date) 0 acres)
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11. PERSONNEL STRENGTH AS OF 02 DEC 2014	OJECT AT
11. PERSONNEL STRENGTH AS OF 02 DEC 2014	
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PERMANENT GUARD/RESERVE	
	,
TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER E	ENLISTED
AUTHORIZED 5 0 5 0 100 5	95
ACTUAL 5 0 5 0 99 8	91
12. RESERVE UNIT DATA	
STRENG	
<u>UNIT DESIGNATION</u> <u>UIC</u> <u>TPSN</u> <u>MTOE/TDA</u> <u>AUTHORIZED</u>	1GTH
DET 1 729TH BSC (BFSB) WY5NA1 34958 63367RNG13 55	
TRP B (BN RECON & SURVEILLAN) WY5SBO 34958 17225RNG58 45	ACTUAL
	ACTUAL 52
100	ACTUAL 5 52 6 47
	ACTUAL 5 52 6 47
Assigned/Authoriz	ACTUAL 5 52 6 47
	ACTUAL 52 52 47 99
13. MAJOR EQUIPMENT AND AIRCRAFT	ACTUAL 52 52 47 99
TYPE AUTHORIZED	ACTUAL 52 52 47 99
WHEELED 31	ACTUAL 52 52 47 99
	2 ACTUAL 52 6 47 99 1zed: 99%
TRATIERS 00	ACTUAL 52 47 99 1 zed: 99% ACTUAL 31
TRAILERS 26	ACTUAL 52 47 99 Lzed: 99% ACTUAL 31 26
TRAILERS 26 TRACKED 0	ACTUAL 52 47 99 1 zed: 99% ACTUAL 31
	ACTUAL 52 47 99 Lzed: 99% ACTUAL 31 26
TRACKED 0	ACTUAL 31 26 30 31 31 31 31 31
TRACKED 0 EQUIPMENT > 30 FT 4 Fuel Truck 1	ACTUAL 31 26 31 31 31 26 47
TRACKED 0 EQUIPMENT > 30 FT 4	ACTUAL 31 26 47 29 47 29 47 20 40 40 40 40 40 40 40 40 40 40 40 40 40

1. COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
3. INSTALLATION AND L	OCATION	4.	AREA CONSRUCTION
Easton	INSNO= 24A75		COST INDEX
Maryland			.99
14. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES	-	
		(\$000)	
A. AIR PO	OI T LITTON	0	
	POLLUTION	0	
C. OCCUPA	ATIONAL SAFETY AND HEALTH	0	

1. COMPONENT					2. DATE
	FY 2016 MILITARY	CONSTRUCT	CION PROJECT	DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCAT	TION		4. PROJECT TITLE		
Easton					
Maryland			NATIONAL GUA	ARD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)
		85	835		
0505896A	17180	24	0173	Approp	13,800
	9.	COST ESTIMAT	ES		

	9. COST EST	IMATES		
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY				11,512
17180 Readiness Center	m2 (SF)	3,974 (42,779)	2,457	(9,764)
44228 Controlled Waste Facility	m2 (SF)	27.87 (300)	1,238	(35)
81160 Backup/Emergency Generator	EA	1	150,000	(150)
85210 Org Vehicle Parking, Paved	m2 (SY)	2,926 (3,500)	155.48	(455)
14179 Overhead Protection	m2 (SF)	111.48 (1,200)	731.97	(82)
Total from Continuation page				(1,026)
SUPPORTING FACILITIES				3,456
Electric Service	LS			(92)
Water, Sewer, Gas	LS			(307)
Paving, Walks, Curbs And Gutters	LS			(894)
Storm Drainage	LS			(228)
Site Imp(345) Demo(807)	LS			(1,152)
Information Systems	LS			(69)
Antiterrorism Measures	LS			(234)
Other	LS			(480)
ESTIMATED CONTRACT COST				14,968
CONTINGENCY (5.00%)				748
SUBTOTAL				15,716
SUPV, INSP & OVERHEAD (6.24%)				981
DESIGN/BUILD-DESIGN COST (4.00%)				629
TOTAL REQUEST				17,326
State Share				2,374
Other Non-DoD Component Share				1,152
TOTAL FEDERAL REQUEST				13,800
TOTAL FEDERAL REQUEST (ROUNDED)				13,800
INSTALLED EQT-OTHER APPROP				(1,195)

10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Overhead Protection Structure, Controlled Waste Facility, and Heating Plant (Geothermal). This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per

ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 48,555 SQFT. Disposal of 1 building at BG Louis G Smith Readiness Center, MD (Total 2,058 m2/22,154 SF), and 1 building at Towson Readiness Center, MD (Total 2,453 m2/26,401 SF).

1. COMPON	JENT					CATCEDIA				2. DATE	
7	ARNG		FY 20	016 MILI	TARY C	ONSTRUCT	CION PRO	OJECT D	ATA	02 5	EB 2015
		ID LOCATION					4. PROJECT	T TITLE		02 1	EP 7012
Easton						I					
Maryla						ı	NATIONA	AL GUAR	D READINE	SS CENTI	ER .
5. PROGR <i>i</i>	AM ELEMENT		6. CATEGO	RY CODE		7. PROJECT	NUMBER		8. PROJECT C	OST (\$000)	
			1				835				
050589	6A		17	7180		24	0173		Approp	13,8	300
9. COST ESTIMATES (CONTINUED) UNIT COST											
		ITEM			UM	(M/E)	QUA	ANTITY		COST	(\$000)
PRIMAR	Y FACIL	ITY (CON	TINUED)								
		Plant, (mal	EA		1	L	8(00,000	(800)
:	Sustain	ability/I	Energy !	Measures	s LS						(226)
										Total	1,026
		F PROPOSI				ONTINUED	<u>)</u>				
Air Co	ndition	ing (Est	imated	503 kWr/	/143 Tc	ons).					
11. RE	O: 4	,114 m2		ADQT:		NO	 NE	SUE	BSTD:		NONE
PROJEC'		•	ct a 44	~	Natior				enter which		
traini											lity will
be bui	lt on S	tate land	d. (Cur	rent Mis	ssion)						
REQUIR	EMENT:	This fa	acility	is desi	igned t	o meet	DA dire	cted MI	OE change	es for T	roop B, 1-
									ent 1, 729		
		ny, cons	isting	of vehic	cles ar	nd trail	ers, and	d other	r authoriz	zed MTOE	
equipme								5 -			_
	T SITUA										he current
									equipmer		
									built for ive, stora		
									combined		_
											e parking,
			_			_		_	_	_	nd 45% of
									certified,		
									tes physic		
The Sta	ate of	Marvland	has co	inducted	a pre	liminarv	design	on thi	is project	t and is	currently
	% Desig		1100	110.000 = = 1	o F			0.1.	·	J 0121C	00.2.2.
	-										
The si	te for	this pro	ject is	in the	posses	ssion of	the sta	ate of	Maryland.		
		e state (of Mary	land has	3 compl	Leted th	e envir	onmenta	al assessm	ment on	this
projec	t.										
The fa	cility	where the	e curre	nt opera	ations	are bei	ng condi	ucted w	was consti	ructed i	n 1976.
Site	Site	Cat	FACNO	ISR-I	F	Q	С	Local			
Code	UID	Code				g Rating					
24A75	4022	17180	00001		F3	Q3	C2		uis G Smit	th	

Per ISR-I evaluation December 2014:

- 60% of exterior doors are damaged, with pins removable from the outside.- No building or site security alarm systems

1. COMPONENT					2. DATE
	FY 2016 MILITA	RY CONSTRUC	TION PROJECT	DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATI	ON		4. PROJECT TITLE		
Easton Maryland			NATIONAL GUA	RD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)
0505896A	17180		835 0173	Approp	13,800

CURRENT SITUATION: (CONTINUED)

- Kitchen: hood ventilation inoperable, no dishwasher, no bumper rails
- No janitorial supply area; storage in boiler room
- Exterior: gutters and downspouts are draining back into the building
- 1. ISR-I: facility is inadequately sized and improperly configured and cannot meet requirements.
- 2. ADA: building is not compliant; lacks handicapped accessible restroom facilities.
- 3. Functional areas per NG Pam 415-12:
- a. Facility lacks adequate female locker and latrine facilities.
- b. Half of the male locker area is converted space, not co-located with toilet and shower areas.
- c. Total toilet and shower space is just 40% of required net space.
- d. Kitchen provides only 16% of required net space.
- e. Single classroom provides less than 18% of required net space.
- f. Administrative space provides just 36% of required net space.
- g. Climate-controlled storage (including vault) is less than 45% of required space.
- h. MOV parking is just 46% of required space.
- i. No Family Readiness office.
- j. No Maintenance Training Bay.
- k. No multi-purpose training room.
- k. No break room/vending area.

IMPACT IF NOT PROVIDED: If not provided, both affected units will continue to operate from inadequate and improperly configured space which cannot effectively support unit administration, soldier training and equipment storage. Inadequate locker space will require 10-20 female soldiers to store individual equipment offsite. Lack of a maintenance training bay negatively impacts maintenance training and materiel readiness (R-level). The single vault requires both units to share vault space, complicating physical security procedures. A 400 SF area was converted to provide an orderly room for the maintenance detachment; this area lacks private offices, complicating the exercise of leader functions. Continued use of obsolete and under-sized facilities negatively impacts both units' ability to train on and maintain equipment, with an adverse impact soldier and unit readiness for both federal deployments and state civil support missions. A lack suitably sized and configured space leads to overuse, deteriorating the facility more quickly and reducing the useful life of the structure. Lack of space to support training leads to scheduling complications, and overall increased travel costs to train at alternative sites. The significant lack of space for organizational and individual equipment storage in Easton, along with inadequate MOV operational and storage space, decreases the efficacy of equipment inventories and maintenance operations, negatively impacting material readiness (R-level) and increasing the potential for equipment losses (i.e., reduced S-level).

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Easton					
Maryland			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	835		
0505896A	17180	24	0173	Approp	13,800

ADDITIONAL: (CONTINUED)

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Design Start Date	OCT 2012
(b)	Percent Complete as of January 2015	65
(C)	Date 35% Designed	NOV 2013
(d)	Date Design Complete	OCT 2015
(e)	Parametric Cost Estimating Used to Develop Costs	NO
<i>(</i> C)		

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: NO

(3)	Tota	al Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$:	(\$000)
	(a)	Production of Plans and Specifications	0
	(b)	All Other Design Costs	509
	(C)	Total Design Cost	509
	(d)	Contract	8
	(e)	In-house	501
(4)	G = == =	thurstien Contract Brand	MAD 2016
(4)	cons	struction Contract Award	MAR 2016

COMPONENT				2. DATE
COMP ONEIVI	FY 2016 MIL	TARY CONSTRUCTION PRO	TECT DATA	Z. DATE
ARNG	11 2010 11121		, E G I B I I I I	02 FEB 2015
INSTALLATION AND LOCATION)N	4. PROJECT	TITLE	1
ston				
ryland			GUARD READINESS	
PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)
05896A	17180	85835 240173		13,800
03690A	1/160	240173	Approp	13,600
. SUPPLEMENTAL DA	ATA (CONTINUED.	.)		
	esign Data: (CON			
				APR 2016
(- /				
(6) Constr	uction Completio	n		MAR 2018
(0) 2011521	docton completelo			
B. Equipment a other appropriat	ssociated with t	his project which will	be provided fro	om
Other appropriat	10115 •		Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
FF&E		OMNG	2017	570
Kitchen Equipmen	t (Type C)	OMNG	2017	50
ESS (171R)		OPA	2017	54
Info Sys - ISC		OPA	2017	302
Info Sys - PROP		OMNG	2017	219
			Total	1,195
			IOCAL	1,195

CFMO Phone 410-576-6067 Number:

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1.	COMPONENT		FY 20	016 GUARD	AND RESERVE		2. DATE	
l .	ARNG		MII	LITARY CON	STRUCTION		02 FEB :	2015
3.	INSTALLATION AND L	LOCATION					4. AREA COI	NSRUCTION
:	Reno			INSNO=	32A84		COST IN	DEX
:	Nevada						:	1.16
5	FREQUENCY AND TYPE	OF HTTLIZATI	TON					
l						/ 		
l '	Administration 5 d	ays/week, wit	LII Z-day tra	ining asse	embry 2-3 times/	monun.		
6	OTHER ACTIVE/GUARD)/RESERVE INST	TALLATIONS W	TTHIN 15 N	MILE RADIUS			
l	USN Stead, NV	,		iles Cent		2 246 m2	(36,014 SF)	1972
l								
l	ARNG Stead, NV			iles Cent			(45,200 SF)	
	ARNG Reno, NV		15.00 m	iles Read	iness Center	1,101 m2	(11,851 SF)	1971
	ANG Reno, NV		15.00 m	iles Base		41,887 m2	(450,871 SF)	1975
7.	PROJECTS REQUESTED	O IN THIS PROC	GRAM					
١ ١	CATEGORY					COST	DESIGN S	STATUS
	CODE PROJECT	TITLE			SCOPE	(\$000)) START	CMPL
	21407 NATIONAL	L GUARD VEHIC	LE MA 1,	883 m2	(20,272 SF)	8,00	00 FEB 2014	OCT 2015
						•		
8.	STATE GUARD/RESERV	TE FORCES FAC	ILITIES BOAR	D RECOMMEN	NDATION			
:	FACILITIES IDENTIF	FIED IN ITEM #	#6 HAVE BEEN	EXAMINED	BY THE STATE RE	ESERVE FORCES	05 MAI	R 2014
l .	FACILITIES BOARD F							ate)
ı	UNILATERAL CONSTRU		701111 0017 111		201112 1120011		(20	,
	ONTERNED CONSTRO	CIION.						
9.	LAND ACQUISITION R	REQUIRED						
1	None							0
							(Number of	
							(Number of	acres,
10.	PROJECTS PLANNED	IN NEXT FOUR	YEARS					
Ι,	CATEGORY							COST
	CODE PROJECT	ים זיידים				CCODE		(\$000)
	PROJECT I	11175				SCOPE		(5000)
l								
1	NONE							<u></u>
		TULT DECTORATION	ION AND MOD	PDNT 73 TT ON	ı (CDM). 8			
	NONE DEFERRED SUSTAINME	ENT, RESTORATI	ION, AND MOD	ERNIZATION	1 (SRM): 8,	.600		<u></u>
:							E PROPOSED PRO	OJECT AT
:	DEFERRED SUSTAINME	BEEN COMPLETE					E PROPOSED PRO	DJECT AT
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11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION FMS 02 (EQP NV ARN MAJOR EQUIPMENT A TYPE WHEELED	BEEN COMPLETE INDICATED. TH AS OF 24 DE TOTAL OFFE 44 44 44 A IG FLD MAINT)	EC 2014 PERMANENT CCER ENLIST 0	ED CIVIL:	ITABLE FOR CONST	TOTAL MTOE/TDA Ass	GUARD/RESERVE L OFFICER 1 0 0 0 0 STRENG AUTHORIZED 0 0 igned/Authoriz	### DENLISTED 0 0 0 0 0 0 0 0 0
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION FMS 02 (EQP NV ARN MAJOR EQUIPMENT A TYPE	BEEN COMPLETE INDICATED. TH AS OF 24 DE TOTAL OFFE 44 44 44 A IG FLD MAINT)	EC 2014 PERMANENT CCER ENLIST 0	ED CIVIL:	ITABLE FOR CONST	TOTAL MTOE/TDA Ass	GUARD/RESERVE L OFFICER 1 0 0 0 0 STRENG AUTHORIZED 0 0 igned/Authoriz	ENLISTED 0 0 STH ACTUAL 0 0 zed: 0%
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11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION FMS 02 (EQP NV ARN MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel Truck	BEEN COMPLETE TINDICATED. TH AS OF 24 DE TOTAL OFFI 44 44 A A A A A A A A A A A	EC 2014 PERMANENT CCER ENLIST 0	ED CIVIL:	ITABLE FOR CONST	TOTAL MTOE/TDA Ass	GUARD/RESERVE L OFFICER 1 0 0 0 0 STRENG AUTHORIZED 0 0 igned/Authoriz ZZED 340 102 0 64 8	ENLISTED 0 0 0 GTH ACTUAL 0 0 Zed: 0% ACTUAL 4 0 0 0 0 0

1. COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
2 TNICHBIT AMT C	OCAMITON	<u> </u>	ADEA COMODITIONS
3. INSTALLATION AND L		4.	AREA CONSRUCTION
Reno	INSNO= 32A84		COST INDEX
Nevada			1.16
14. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES	•	
		(\$000)	
A. AIR PO	NILITION	0	
	POLLUTION	0	
		0	
C. OCCUPA	TIONAL SAFETY AND HEALTH	U	

Ca										
1. COMPONENT		TI. 0016 MTT TTD	D	2011CED		DD 0 TD 0			2. DA'	TE
ARNG		FY 2016 MILITAI	RY (CONSTR	ROCLITON	PROJECI	· DATA		0.2	EED 201E
3. INSTALLATION AND LO	CATION				4. PR	OJECT TITL	E		02	FEB 2015
	31111011							a		
Reno Nevada							ARD VEHIC	ськ м	ATN.I.	ENANCE SHOP
5. PROGRAM ELEMENT 6. CATEGORY CODE				ADD/ALT 7. PROJECT NUMBER 8. PROJECT COST (\$000)						0)
			İ							,
0505896a		21407			85646 320075		Approp		8	,000
03030704		21107	9. (L COST EST			Approp			,000
	ITEM		1	(M/E)		QUANTITY	7	UNIT (TOOT I	COST(\$000)
PRIMARY FACILITY			UM	(M/E)		QUANTITY	:	UNII	2051	6,257
21407 Maintenance		o Addition	m 2	(SF)	1	261 (13,574)	3	778	(4,764)
21407 Maintenance			1	(SF)	l	9.02 (5,802)	I	3.09	(427)
21470 Bulk POL S	_		1	(SF)	l	7.16 (400)	l .	032	(76)
44240 Flammable			1	(SF)	l	3.21 (196)	l .	351	(25)
44228 Controlled		-	1	(SF)	l	7.87 (300)	l .	372	(38)
Total from Con			IIIZ	(SF)	4/	.07 (300)	,	3/4	(927)
SUPPORTING FACIL			+-							
Electric Service			LS						ŀ	1,105
									•	(30)
Water, Sewer, Ga		71	LS							(139)
Paving, Walks, C	urbs A	and Gutters	LS							(547)
Storm Drainage	- ()		LS						•	(108)
Site Imp(63) Dem			LS						.	(63)
Information Syst			LS						•	(36)
Antiterrorism Me	asures	3	LS						٠	(129)
Other			LS						.	(53)
ESTIMATED CONTRA	CT COS	ST								7,362
CONTINGENCY (5.0	0왕)								İ	368
SUBTOTAL									1	7,730
SUPV, INSP & OVE	RHEAD	(3.49%)							İ	270
TOTAL REQUEST									İ	8,000
TOTAL FEDERAL RE	QUEST								İ	8,000
TOTAL FEDERAL RE	QUEST	(ROUNDED)							İ	8,000
INSTALLED EQT-OTHER APPROP									İ	(873)
10. Description of Prop	posed Co	onstruction A spec	ial	ly des	signed 1	National	l Guard V	ehicl	e Ma	 aintenance
Shop Addition/Al	terat:	ion of permanent	con	struct	tion. '	The Nat:	ional Gua	rd Ve	hicl	Le
Maintenance Shop	incl	udes the followin	g i	tems t	that ar	e integi	ral to th	e fac	ilit	cy;
Organizational V	ehicle	e Parking (Paved)	, C	ontro	lled Wa	ste Fac:	ility, Fl	ammak	ole N	Materials
Facility, Bulk P	OL Sto	orage Building,	Неа	ting I	Plant (Geother	mal), and	l Elec	tric	c Power
_		facility will be								
		eral building cod								
		ervices, informat			_					
roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's										
Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope										
and integrated building systems performance as per ASA(IE&E) Sustainable Design and										
Development Policy Update Dec 2013. Access for individuals with disabilities will be										
provided. Antiterrorism measures in accordance with the DOD Minimum Antiterrorism for										
		ll be provided.								
		through the dispo								
		NV (Total 1,543								
kWr/23 Tons).	<u>. </u>	(,	,,	_ , .					
11. REQ: 1,88	3 m2	ADQT:			NONE	,	SUBSTD:	5	39 n	n2

1. COMPONENT							2. DA	ГЕ	
	FY 2016 MILITA	RY (CONSTRUCT	TION PRO	JECT I	ATA			
ARNG				02	FEB 2015				
3. INSTALLATION AND LOCATION				4. PROJECT TITLE					
Reno				 NATIONAL GUARD VEHICLE MAINTENANCE SHOP					
Nevada				ADD/ALT					
5. PROGRAM ELEMENT 6. CATEGORY CODE			7. PROJECT	NUMBER	MBER 8. PROJECT COST (\$000)			0)	
			85	646					
0505896a	21407		32	320075			8,000		
	•					•			
9. COST ESTIMATES (CO	NTINUED)								
							UNIT	COST	
ITEM		UM	(M/E)	QUANTITY CO		COST	(\$000)		
PRIMARY FACILITY (CON	TINUED)								
85210 Org Vehicle Par	king, Paved	m2	(SY)	2,383	(2,850)	152.43	(363)	
82187 Heating Plant, Geothermal EA		EΑ		1			245,098	(245)	
81122 Electric Power, Photovoltaic				1			196,078	(196)	
Sustainability/	Energy Measures	LS						(123)	
							Total	927	

PROJECT: To construct 20,272 SQFT National Guard Vehicle Maintenance Shop that supports field maintenance repair requirements to combat and tactical vehicles for the NVARNG. The site is located on State land. (Current Mission)

REQUIREMENT: This facility is designed to maintain surface equipment to the highest possible operational state of readiness to support training, natural disaster relief, and/or combat operations for the 889 Soldiers and 460 pieces of equipment supporting all 17 units in Elko, Winnemucca, Carlin, and Reno covering over a 300 mile radius.

CURRENT SITUATION: This project is critical to the state of Nevada due to the current situation of the existing facility not being large enough to accommodate the equipment assigned to it requiring the NVARNG to transport the equipment to Carson City which is 100 miles round trip.

The State of Nevada has conducted a preliminary design on this project and is currently at 65 % Design.

The site for this project is in the possession of the state of Nevada.

Currently, the state of Nevada has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1984.

There is currently a life/health/safety issue in the lack of emergency showers.

NVARNG sustains high fuel expenditures to move vehicles 100 miles to and from Carson City for maintenance due to limited capicity at the site.

Site Site Cat FACNO ISR-I Local Code UID Code Rating Rating Name Year 326896 21407 2014 32A84 FMS02 04 C4 FMS 02

The only code violation is the lack of proper emergency showers.

This facility fails to comply with current standards listed in NG Pam 415-12 dated 1 June 2011, as well as Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA) & Anti-terrorism Force Protection

1. COMPONENT					2. DATE	
	FY 2016 MILITARY	CONSTRUCT	TION PROJECT	DATA		
ARNG					02 FEB 2015	
3. INSTALLATION AND LO	CATION		4. PROJECT TITLE			
Reno		NATIONAL GUARD VEHICLE MAINTENANCE SHOP				
Nevada		ADD/ALT				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
0505896a	21407		85646 320075		8 000	

CURRENT SITUATION: (CONTINUED)
(ATFP) requirements.

Due to building layout there is poor traffic flow & insufficient storage is causing overcrowded storage areas which in turn leads to alternate/creative storage solutions that are inefficient and a safety hazard. The current facility supports all equipment (400+ pieces)in the northern part of the state including the cities of Reno, Winnemucca, Stead, Carlin, and Elko - a distance of 300 miles. Due to the limited size of the facility, over half of the supported equipment is transported 50 miles further to Carson City for maintenance (100 miles round trip). This forces our mechanics to spend several hours driving vehicles to and from Carson City instead of working on the vehicles. This puts additional strain on the maintenance facility in Carson City speeding up the life cycle of that facility and adds a substantial cost in man hours and operating dollars for the current facility. The movement of equipment along the 100 mile trip on a routine basis increases the risk factor for our Soldiers and equipment, while also further limiting the facility's ability to accomplish its mission as personnel are busy transporting equipment, not maintaining it.

Expanding this maintenance shop will save man hours lost and reduce the chance of accidents caused by transporting vehicle to Carson City and save wear and tear on the vehicles.

IMPACT IF NOT PROVIDED: If this project is not provided, the NVARNG mechanics will be required to continue transporting vehicles to the Carson City FMS. The current facility is too small and outdated to support the 13 units (with over 400 pieces of equipment). This addition/alteration to the current facility will remove the need for a 100-mile round trip to the closest FMS in Carson City. By cutting this unnecessary travel requirement, the NVARNG will save valuable OPTEMPO dollars and training hours.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

1. COMPONENT						2. DATE			
		FY 2016 MILITARY	CONSTRUC'	TION PROJECT I	DATA				
ARNG						02 FEB 2015			
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
Reno NATIONAL GUARD VEHICLE						AINTENANCE SHOP			
Nevada				ADD/ALT					
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER				NUMBER	8. PROJECT COST	Γ (\$000)			
				646					
0505896a		21407	32	0075	Approp	8,000			
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ADDITIONAL: (<u>ED)</u> ION: The Deputy Assis	stant Coo	rotary of the	Armir (Ingts	allations and			
		nat this project has		_	_				
		ot be available for u				e potential.			
inib ideilie	WIII	se se avarrasie for e	abe by oc	iici component	.				
12. SUPPLEME	NTAL DAT	ra:							
A. Esti	nated De	sign Data:							
(1)	Status:								
	(a) De	FEB 2014							
	(b) Pe	65							
		OCT 2014							
		,							
		Parametric Cost Estimating Used to Develop Costs							
	do	cumented during the	final des	sign.					
(2)	D = = ! = •								
(2)	Basis:								
	(a) St	andard or Definitive	Design:	NO					
(3)	Total D	esign Cost (c) = (a)-	+(b) ∩P ((4)+(0):		(\$000)			
(3)					442				
		oduction of Plans and							
		·							
	(d) Contract								
	(e) In	-house			• • • • •	0			
(4)	Constan	ction Contract Award				MAR 2016			
(1	COIISCI u	ction contract Award							
(5)	Constru	ction Start				APR 2016			
(6)	Constru	ction Completion				MAR 2018			

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1. COMPONENT					2. DATE
	FY 2016 MILITARY	Y CONSTRUC	TION PROJECT D	DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION	1		4. PROJECT TITLE		
Reno Nevada			NATIONAL GUAR ADD/ALT	D VEHICLE M	AINTENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896a	21407		646	Approp	8.000

12. SUPPLEMENTAL DATA (CONTINUED..)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	2017	400
Info Sys - ISC	OPA	2017	244
Info Sys - PROP	OMNG	2017	229
		Total —	873

CFMO Phone Number: 775-887-7285

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1.	COMPONENT		I	FY 2016 GUARI	O AND RESERVE		2. DATE	
l	ARNG			MITI.TTARV CO	ONSTRUCTION		02 FEB	2015
l	Indivo			HILLIIMI CO	SNOTROCTION		02 122	2013
3.	INSTALLATION AND L	OCATION					4. AREA CO	ONSRUCTION
l	Camp Ravenna			INSNO	= 39430		COST IN	NDEX
l	Ohio							.97
	01110							. 9 /
5.	FREQUENCY AND TYPE	OF UTILIZ	CATION					
l	Support logistical	and opera	tional act	ivities for	training 365 days	s/year.		
6.	OTHER ACTIVE/GUARD	/RESERVE I	NSTALLATIO	NS WITHIN 15	MILE RADIUS			
l	ARNG Youngstown	ı, OH	12.	00 miles Rea	adiness Center	3,590 m2	(38,644 SF)	1977
l	ARNG Alliance,				adiness Center			
l	•							
l	ARNG Chagrin Fa	alls, OH	25.	00 miles Rea	adiness Center	1,244 m2	(13,392 SF)	1956
-	DDO TECHO DECLECHED	TN DUTC D	DOGDAM					
١′٠	PROJECTS REQUESTED	IN IHIS P	'ROGRAM					
	CATEGORY					COST	DESIGN	STATUS
	CODE PROJECT	TITLE			SCOPE	(\$000)	START	CMPL
	17806 MODIFIEI	D RECORD FI	TRE RANG	1 m2	(16 FP)	3.300	OCT 2014	OCT 2015
	1,000	3 11200112 13			(10 11)	3,300	001 2011	001 2010
8.	STATE GUARD/RESERV	E FORCES F	'ACILITIES	BOARD RECOMM	ENDATION			
	FACILITIES IDENTIF					FCFDT/F FADAFC	12 тг	JN 2014
	FACILITIES BOARD F		E JOINT US	E/EXPANSION.	THE BOARD RECOM	MENDATIONS ARE	(1	Date)
	UNILATERAL CONSTRU	CTION.						
9.	LAND ACQUISITION R	EQUIRED						
	None							0
							(Number of	acres)
10	. PROJECTS PLANNED	IN NEXT FO	UR YEARS					
	CATEGORY							COST
	CODE PROJECT T	ידייד בי				SCOPE		(\$000)
	CODE PROJECT T	LIIDE				SCOPE		(\$000)
	NONE							
l								
	DEFERRED SUSTAINME	NT, RESTOR	ATION, AND	MODERNIZATI	ON (SRM):	0		
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		BEEN COMPL	ETED AND T				PROPOSED PF	ROJECT AT
	A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPL	ETED AND T				PROPOSED PF	ROJECT AT
11.	A SITE SURVEY HAS	BEEN COMPL	ETED AND T				PROPOSED PF	ROJECT AT
11.	A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPL	ETED AND T				PROPOSED PF	ROJECT AT
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11.	A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPL 'INDICATED TH AS OF 05	ETED AND TO	HE SITE IS S	UITABLE FOR CONS	TRUCTION OF THE	JARD/RESERVE	<u> </u>
11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	BEEN COMPL INDICATED THAS OF 05	ETED AND TO	HE SITE IS S T LISTED <u>CIVI</u>	UITABLE FOR CONS	TRUCTION OF THE GR TOTAL	JARD/RESERVE OFFICER	ENLISTED
11	A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPL 'INDICATED TH AS OF 05	ETED AND TO	HE SITE IS S	UITABLE FOR CONS	TRUCTION OF THE	JARD/RESERVE	<u> </u>
11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	BEEN COMPL INDICATED THAS OF 05	ETED AND TO	HE SITE IS S T LISTED <u>CIVI</u>	UITABLE FOR CONS	TRUCTION OF THE GR TOTAL	JARD/RESERVE OFFICER	ENLISTED
11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED	BEEN COMPL INDICATED THAS OF 05 TOTAL 0	DEC 2014 PERMANENT FFICER EN 0	T LISTED CIVI	UITABLE FOR CONST	TRUCTION OF THE GU TOTAL 41	JARD/RESERVE OFFICER 10	ENLISTED 31
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	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLE INDICATED THE AS OF 05	DEC 2014 PERMANENT FFICER EN 0	T LISTED CIVI 2 0	UITABLE FOR CONS	TRUCTION OF THE GR TOTAL 41 44 MTOE/TDA	JARD/RESERVE OFFICER 10 8 STREN AUTHORIZED	ENLISTED 31 36 NGTH ACTUAL 44
	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLE INDICATED THE AS OF 05	DEC 2014 PERMANENT FFICER EN 0	T LISTED CIVI 2 0	UITABLE FOR CONS	TRUCTION OF THE GU TOTAL 41 44 MTOE/TDA NGW92FAA	JARD/RESERVE OFFICER 10 8 STREN AUTHORIZED	ENLISTED 31 36 NGTH 2 ACTUAL 44 44
	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLE INDICATED THE AS OF 05	DEC 2014 PERMANENT FFICER EN 0	T LISTED CIVI 2 0	UITABLE FOR CONS	TRUCTION OF THE GU TOTAL 41 44 MTOE/TDA NGW92FAA	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41	ENLISTED 31 36 NGTH 2 ACTUAL 44 44
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPL INDICATED TH AS OF 05 TOTAL 2 0	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	TRUCTION OF THE GU TOTAL 41 44 MTOE/TDA NGW92FAA	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41	ENLISTED 31 36 NGTH 2 ACTUAL 44 44
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COMPL INDICATED TH AS OF 05 TOTAL 2 0	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 44 42 42 42
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COMPL INDICATED TH AS OF 05 TOTAL 2 0	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	TRUCTION OF THE GU TOTAL 41 44 MTOE/TDA NGW92FAA	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 42 42 44 44
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COMPL INDICATED TH AS OF 05 TOTAL 2 0	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 44 42 42 42
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COMPL INDICATED TH AS OF 05 TOTAL 2 0	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 42 42 44 44
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED	BEEN COMPL INDICATED TH AS OF 05 TOTAL 2 0	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREN AUTHORIZED 41 41 gned/Authori ED 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 44 ACTUAL 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0.2 0 TER 0)	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREN AUTHORIZED 41 41 gned/Authori ED 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 42 40 0 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0: 2 0 TER 0) AND AIRCRAF	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori ED 0 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 44 40 0 0 0 0 0 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0: 2 0 TER 0) AND AIRCRAF	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREN AUTHORIZED 41 41 gned/Authori ED 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 42 40 0 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0: 2 0 TER 0) AND AIRCRAF	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori ED 0 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 2 44 44 44 44 40 0 0 0 0 0 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck HET	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0: 2 0 TER 0) AND AIRCRAF	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gned/Authori ED 0 0 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 42 40 0 0 0 0 0 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel True	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0: 2 0 TER 0) AND AIRCRAF	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gmed/Authori ED 0 0 0 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 40 0 0 0 0 0 0 0 0 0 0 0
12:	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck HET	BEEN COMPLE INDICATED THE AS OF 05 TOTAL 0: 2 0 TER 0) AND AIRCRAF	ETED AND TOO. DEC 2014 PERMANENT O O	T LISTED CIVI 2 0	UITABLE FOR CONS	GU TOTAL 41 44 MTOE/TDA NGW92FAA Assig	JARD/RESERVE OFFICER 10 8 STREE AUTHORIZED 41 41 gmed/Authori ED 0 0 0 0 0	ENLISTED 31 36 NGTH 2 ACTUAL 44 44 42 40 0 0 0 0 0 0 0 0 0 0 0

1.	COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		02 FEB 2015
3.	INSTALLATION AND	LOCATION	4.	AREA CONSRUCTION
	Camp Ravenna	INSNO= 39430		COST INDEX
	Ohio			.97
1.4		TION AND SAFETY DEFICIENCIES		
14.	. OUISIANDING POLLC			
		(\$000)		
	A. AIR PO			
		POLLUTION		
	C. OCCUPA	ATIONAL SAFETY AND HEALTH 0)	
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1. COMPONENT							11	Z. DA	.115
ARNG		FY 2016 MILITAE	RY (CONSTR	RUCTION PROJE	ECT DATA		0.2	EED 2016
3. INSTALLATION AND LOC	CATION				4. PROJECT T	ITLE			FEB 2015
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				1. 11.00201 1				
Camp Ravenna Ohio					MODIFIED	RECORD FIRE	E RANG	F.	
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJ	ECT NUMBER	8. PROJE			0)
					85633				
0505896A		17806			390290	Approp		3	,300
			9.0	OST EST	IMATES				
	ITEM		UM	(M/E)	QUANT	TITY	UNIT C	OST	COST(\$000)
PRIMARY FACILITY									2,179
17806 Modified Re			1		16 -		36,	- 1	(590)
17971 Range Contr			1	(SF)	61.04 (l .	382	(329)
17122 Range Ops &			1	(SF)	74.32 (l .	110	(157)
17122 Ammo Brkdwr	n Blag	ſ	ł	(SF)	22.30 (422	(76)
73075 Latrines			m2	(SF)	30.66 (330)	3,	520	(108)
Total from Cont		lion page							(919)
SUPPORTING FACILI	LTIES		I					-	860
Electric Service			LS		_	-			(404)
Storm Drainage	m = ()		LS		_	-		ŀ	(81)
Site Imp(239) Den			LS		_	· -			(239)
Information System Antiterrorism Mea			LS LS		_	· -		-	(69) (28)
Other	asures	3	LS		_	· _		-	
Octiet			го		_	_			(39)
								-	
ESTIMATED CONTRAC	TT COS	<u></u>						\rightarrow	3,039
CONTINGENCY (5.00		0.1						ŀ	152
SUBTOTAL	J 6)							ł	3,191
SUPV, INSP & OVER	משדער	(3 42%)						ł	109
TOTAL REQUEST	Минь	(3.120)							3,300
TOTAL FEDERAL REQ	TEST								3,300
TOTAL FEDERAL REQ	-	(ROUNDED)						ł	3,300
INSTALLED EQT-OTH	-							ł	(639)
10. Description of Prop			l dar	d des	L ianed Modifie	ed Record F	l 'ire (MRF,	
permanent constru									
facility; Range (-			_			_	
Building, Latrine			_			_			
Stationary Infant									
Industry Standard	_	-				_		_	
Public Law 90-480	O. Con	struction will is	ncl	ude a	ll utility se	ervices, in	forma	tior	n systems,
fire detection ar	nd ala	ırm systems, road	s,	storm	drainage, pa	arking area	s and	sit	te
improvements. Fac	ciliti	es will be design	ned	to a	minimum life	e of 50 yea	rs in	acc	cordance
with DoD's Unifie	ed Fac	cilities Code (UF	C 1	-200-	02) including	g energy ef	ficie	ncie	es, building
envelope and inte	egrate	ed building system	ms j	perfo	rmance as per	r ASA(IE&E)	Sus	tair	nable Design
and Development E	Policy	Update Dec 2013	. A	ccess	for individu	uals with d	lisabi	liti	ies will be
provided. Antiter	rroris	m measures in ac	cor	dance	with the DO	D Minimum A	ntite	rror	rism for
building standard	ds wil	l be provided. T	his	proje	ect will comp	ply with th	e Arm	y 1	SQFT for 1
SQFT disposal pol	licy t	hrough the dispo	sal	of 4	,860 SQFT. D:	isposal of	1 bui	ldir	ng at Eaton
Readiness Center,	, ОН (Total 1,307 $m2/1$	4,0	69 SF). Air Cond	itioning (E	stima	ted	11 kWr/3
Tons).									
11 770									
<u> </u>	5 FP	ADQT:	e i	J D	NONE	SUBSTD:	1- 4 0	00 1	NONE
PROJECT: To cor	nstruc	t a 16-Lane Modi	rie	a Rec	ora Fire (MR)	r)kange wit	n 4,2	98 S	Sr or range

1. COMPONENT							2. DATE	<u> </u>
	FY 2016 MILITAR	RY (CONSTRUCT	rion prod	JECT I	ATA		
ARNG							02 1	FEB 2015
3. INSTALLATION AND LOCATION				4. PROJECT	TITLE		<u>.</u>	
Camp Ravenna								
Ohio				MODIFIE	RECO	RD FIRE	RANGE	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER		8. PROJEC	T COST (\$000)
			85	633				
0505896A	17806		39	0290		Approp	3,	300
9. COST ESTIMATES (CO	NTINUED)							
							UNIT	COST
ITEM		UM	(M/E)	QUAI	YTITY		COST	(\$000)
PRIMARY FACILITY (CONT	<u>-</u> _							
17123 Bleacher Enclos	are	m2	(SF)	67.45	(726)	1,345	(91)
17123 Range Classroom	Buildng	m2	(SF)	74.32	(800)	2,695	(200)
17139 Mess Shelter		m2	(SF)	74.32	(800)	1,119	(83)
17806 SIT - Emplacemen	nts	EΑ		144			3,500	(504)
Sustainability/I	Energy Measures	LS						(41)

PROJECT: (CONTINUED)

support structures, for the OHARNG to train and test individuals on the skills necessary to detect, identify, engage, and defeat stationary infantry targets (SITs) in a tactical array. This range has been validated by ARNG-TRS. This facility will be built on Federal land. (Current Mission)

<u>REQUIREMENT:</u> This project is required to support individual weapons familiarization and qualification requirements for the M16 and M4 rifle. This range combines the capabilities of the automated field fire (17803) and automated record fire (17805) to reduce land and maintenance requirements and increase efficiencies. The range will be used to train and test Soldiers on the skills necessary to zero, detect, identify, engage, and defeat stationary infantry targets in a tactical array; to satisfy the training and qualification requirements as outlined in TC 25-8. This range is supported by the Army Range Requirements Model (ARRM) with a delta of -.04, and has received the training validation letter from ARNG-TRS.

CURRENT SITUATION: This project is critical to the state of Ohio due to the current situation of Ohio Army National Guard (OHARNG) Soldiers utilize the MRF range at Camp Perry (CPJTC); however, the majority of OHARNG Soldiers drill at Readiness Centers located over 120 miles away. The present location where training is being conducted severely impacts readiness due to a host of issues; It does not have the required number of lanes, there is a boat marina in the range fan that prevents firing in good weather and requires patrol boats during use. There are no ROCA assets to support operations. For Soldiers to receive the realism in training to meet combat training objectives the Soldier must travel a distance greater than 6 hours to the next closest DOD facility that has a MRF Range. The OHARNG currently has a deficit of MRF ranges for the state. The range will be an additional asset.

The State of Ohio has conducted a preliminary design on this project and is currently at $35\ \%$ Design.

The site for this project is in the possession of the state of Ohio.

Currently, the state of Ohio has completed the environmental assessment on this project.

There currently is no facility to complete the mission.

Total

919

1. COMPONENT				2. DATE
	FY 2016 MILITAF	RY CONSTRUCTION PROJECT	DATA	
ARNG				02 FEB 2015
3. INSTALLATION AND LO	CATION	4. PROJECT TITLE		'
Camp Ravenna Ohio		MODIFIED REC	ORD FIRE RAN	JGE
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)
0505896A	17806	85633 390290	Approp	3,300

CURRENT SITUATION: (CONTINUED)

The reason for the RAC Score is that this project will mitigate the event of not having a Modified Record Fire Range to train the Soldiers of the OHARNG while at CRJMTC. Since currently there is not a MRF Range to accomplish the training objectives, the lack of a facility has a "LIKELY" effecting on training. The result of not having the range facility will cause a "MAJOR" threat to the safety and well being of the Soldiers of the OHARNG and other Soldiers that will train at CRJMTC.

The Life/Health/Safety issues are currently due to the distance that Soldiers have to commute from the duty station to a MRF Range. Soldiers are driving over 12 hours in a weekend in military vehicles to conduct range qualification at CPJTC. This causes Soldiers addition fatigue that can be catastrophic. CPJTC is the only MRF Range in Ohio and with the high volume of units on this range, causes Soldiers to qualify in inclement weather. The range is on Lake Erie, which has dramatic lake effects weather conditions and cause unnecessary dangers to Soldiers.

There are significant costs associated with transportation of Soldiers to CPJMTC to utilize Ohio's only MRF Range. The locality of CPJTC requires Soldiers to drive additional time across the state in order to qualify on their weapons and with the limited time units have with their Soldiers; this eliminates two days of training. The current location causes over 50+ companies to take commercial busses costing each company \$10,000 on average.

Site Site FACNO ISR-I F Local Cat Q Code UTU Code Year Rating Rating Name 39D75 4280 17806 R5200 2014 F2 Q3 C4 Camp Perry CTC

There are no current code violations at the proposed site of the range.

Waivers are required to in order to qualify Soldiers who are assigned a M16 or M4 on a non standard alternate type "C" (paper targets) course of fire on locally available Basic 10M-25M Firing Ranges designed for zeroing a rifle. Also because of the limitations of the current MRF Range simulated night and NBC fire, due to restriction on conducting night fire into Lake Erie because of visibility of the lake or when it is frozen.

Other pertinent condition of CPJTC's MRF Range requires Soldiers to drive on average 12 hours across the state in order to qualify on their weapons and eliminates two days of training.

IMPACT IF NOT PROVIDED: If this project is not provided Soldier readiness will continue to deteriorate over time. The overall readiness is currently degraded for the OHARNG due to inadequate training resources for Soldiers to be properly trained and tested on a MRF range. The nearest DOD installation with a MRF range is located at Camp Atterbury, IN and requires Soldiers to travel up to 366 miles to properly conduct the individual training requirements of the M16 or M4 rifles. These alternative locations result in increased fuel consumption, military vehicle maintenance, meals, and lodging costs. The time and effort spent traveling to these alternative locations increase the chances of an

				2. DATE
FY 2016 MILITARY	CONSTRUC	TION PROJ	ECT DATA	00 === 0015
		A DROIECT T	ם זיידי	02 FEB 2015
		4. PROUECT	11115	
		MODIFIED	RECORD FIRE RA	ANGE
6. CATEGORY CODE	7. PROJECT		8. PROJECT CO	
	85	6633		
17806			Approp	3,300
D. (COMPINITED)				
`	aluable i	ndividual	training time	normally
	arudare r		crariiii criic	liormarry
	include	life cycl	e cost effecti	ve practices,
		_		_
etailed in the Army	Sustaina	ble Desig	n and Developm	ent Policy
able laws and execut	tive orde	ers.		
	7 '			1
				on physical
I physical security	measures	are inci	uded.	
ROTECTION: This pro-	iect has	been coor	dinated with t	he installation
s project.				
is the most cost-ef	ffective	method to	satisfy the r	equirement.
ON: The Deputy Assis	stant Sec	retary of	the Army (Ins	tallation and
		_	_	
				.so possilorar. Tile
	-	•		
<u>A:</u>				
sign Data:				
	6. CATEGORY CODE 17806 D: (CONTINUED) ults in a loss of varior Tasks. able principles, to to the design, devel etailed in the Army able laws and execut is project has been l physical security ROTECTION: This program Risk and threat anal 53-1, respectively. Department of Defens s project. economic analysis l is the most cost-es ON: The Deputy Assis at this project has available for use by A:	6. CATEGORY CODE 17806 285 29 D: (CONTINUED) ults in a loss of valuable if rior Tasks. able principles, to include to the design, development at a detailed in the Army Sustainate able laws and executive order is project has been coordinated in physical security measures. ROTECTION: This project has Risk and threat analyses have 53-1, respectively. Only produce the most cost-effective. economic analysis has been is the most cost-effective. ON: The Deputy Assistant Security at this project has not been available for use by other contact.	MODIFIED 6. CATEGORY CODE 7. PROJECT NUMBER 85633 390290 D: (CONTINUED) ults in a loss of valuable individual rrior Tasks. able principles, to include life cycl to the design, development and constretailed in the Army Sustainable Designable laws and executive orders. is project has been coordinated with physical security measures are included and threat analyses have been perpared in the project has been coordinated with physical security measures are included and threat analyses have been perpared in the most cost-effective method to consider analysis has been prepared is the most cost-effective method to consider available for use by other components are included.	D: (CONTINUED) ults in a loss of valuable individual training time rrior Tasks. able principles, to include life cycle cost effectito the design, development and construction of the etailed in the Army Sustainable Design and Developmable laws and executive orders. is project has been coordinated with the installating physical security measures are included. ROTECTION: This project has been coordinated with the Risk and threat analyses have been performed in accessary, respectively. Only protective measures require Department of Defense Minimum Antiterrorism Standars project. economic analysis has been prepared and utilized in its the most cost-effective method to satisfy the result of the Deputy Assistant Secretary of the Army (Instat this project has not been considered for joint unavailable for use by other components. A:

(a)	Design Start Date	OCT	2014
(b)	Percent Complete as of January 2015		35
(c)	Date 35% Designed	JAN	2015
(d)	Date Design Complete	OCT	2015
(e)	Parametric Cost Estimating Used to Develop Costs		NO
		-	

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Design Was Most Recently Used:

(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$:	(\$000)
	(a) Production of Plans and Specifications	182
	(b) All Other Design Costs	103

L. COMPONENT				2. DATE
	FY 2016 MILITA	ARY CONSTRUCTION PR	OJECT DATA	
ARNG	THE OW	la promi	20. 0.707.7	02 FEB 2015
3. INSTALLATION AND LOCA	ATTON	4. PROJEC	CT TITLE	
Camp Ravenna Ohio			ED RECORD FIRE RA	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CC	OST (\$000)
25050063	15006	85633		2 200
0505896A	17806	390290	Approp	3,300
12. SUPPLEMENTAL	DATA (CONTINUED)			
	Design Data: (CONTI	MIED)		
(c)	Total Design Cost			285
(d)	Contract			285
(e)				0
(e)	In-house			
(4) Cons	truction Contract Aw	ard		MAR 2016
(5) Cons	truction Start			APR 2016
(6) Cons	struction Completion.			MAR 2018
Equipment Nomenclature		Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E		OMNG	2017	105
Targets		OMNG	2017	504
Info Sys - ISC		OPA	2017	26
Info Sys - PRO)P	OMNG	2017	5
			Total	639

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1.	COMPONENT				GUARD AND			2. DATE	
	ARNG			MILITAI	RY CONSTRU	UCTION		02 FEB	2015
3.	INSTALLATION AND I	LOCATION						4. AREA CO	NSRUCTION
	Salem			I	NSNO= 41	.C03		COST IN	DEX
	Oregon								1.09
5.	FREQUENCY AND TYPE	OF UTIL	IZATION					•	
	Administration 5 d	days/week	, with 2-	day trainin	g assembl	y 2-3 times	/month.		
6.	OTHER ACTIVE/GUARD)/RESERVE	INSTALLA						
	ARNG Salem, OR			1.00 miles	Readines	ss Center	8,046 m2	(86,610 SF)	1988
	ARNG Salem, OR			1.00 miles	Maintena	ance Facilit	y 1,682 m2	(18,102 SF)	1976
	ARNG Salem, OR			1.00 miles	Readines	ss Center	1,511 m2	(16,266 SF)	1954
7.	PROJECTS REQUESTED	O IN THIS	PROGRAM						
	CATEGORY						COST	DESIGN S	פוזידעיד
	CODE PROJECT	ים זייד די			SCO	חד	(\$000)		CMPL
			FCFDVF CE	5,117		,078 SF)		JUN 2014	
	17142 NATIONAL	L GUARD/R	ESERVE CE	5,11/	1112 (33,	,076 SF)	10,500	JUN 2014	OC1 2015
8.	STATE GUARD/RESERV	7E FORCES	FACILITI	ES BOARD RE	COMMENDAT	CION			
	FACILITIES IDENTIF	FIED IN I	гем #6 на	VE BEEN EXA	MINED BY	THE STATE R	ESERVE FORCES	26 JUI	N 2014
	FACILITIES BOARD F	OR POSSI	BLE JOINT	USE/EXPANS	ION. THE	BOARD RECOM	MENDATIONS ARE	(Da	ate)
	JOINT CONSTRUCTION	1.							
0	I AND AGOITGETON I	POULTBED							
э.	LAND ACQUISITION R	KEQUIKED							0
	Notie							(Number of	
								(Number of	acres
10	. PROJECTS PLANNED	IN NEXT 1	FOUR YEAR	S					
	CATEGORY								COST
	CODE PROJECT :	TITLE					SCOPE		(\$000)
	NONE								
	DEFERRED SUSTAINME	ENT, REST	ORATION,	AND MODERNI	ZATION (S	SRM): 2	,760		
	A SITE SURVEY HAS	BEEN COM	PLETED AN	D THE SITE	IS SUITAE	LE FOR CONS	TRUCTION OF THE	PROPOSED PRO	OJECT AT
	THE ESTIMATED COST	INDICATI	ED.						
11	. PERSONNEL STRENGT	TH AS OF (05 AUG 20	14					
			PERMA	NITERTO			CI	JARD/RESERVE	
		moma r			CTVITT TAN	-	TOTAL		DNI TOMBD
	A LIMITOR T GER	TOTAL	OFFICER		CIVILIAN				ENLISTED
	AUTHORIZED	389	6	207	176		301	124	177
		389	6	207	176				
	ACTUAL	303					301	124	177
10							301	124	1//
12	. RESERVE UNIT DATA						301		
12	. RESERVE UNIT DATA					TDON		STREN	GTH
12	. RESERVE UNIT DATA	1		UIC		TPSN	MTOE/TDA	STRENG AUTHORIZED	GTH ACTUAL
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH	A IQ-OR)		W8BAA	A	<u>TPSN</u> 56751		STREN AUTHORIZED 149	GTH ACTUAL 149
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD	A HQ-OR) D TECH DA		W8BAA ANG00	A 1	56751	MTOE/TDA NGW8BAAA	STRENGE AUTHORIZED 149 22	GTH ACTUAL 149 22
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH	A HQ-OR) D TECH DA		W8BAA	A 1		MTOE/TDA	STREN AUTHORIZED 149	GTH ACTUAL 149
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD	A IQ-OR)) TECH DA CCRUIT & I		W8BAA ANG00	A 1 0	56751	MTOE/TDA NGW8BAAA	STRENGE AUTHORIZED 149 22	GTH ACTUAL 149 22
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA	STREN AUTHORIZED 149 22 27	GTH ACTUAL 149 22 27
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28	STREN AUTHORIZED 149 22 27 4	GTH ACTUAL 149 22 27 4
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28	STREN AUTHORIZED 149 22 27 4 99	GTH ACTUAL 149 22 27 4 99
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28 NGW93GAA	STREN AUTHORIZED 149 22 27 4 99	GTH ACTUAL 149 22 27 4 99 301
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28 NGW93GAA	STREN: AUTHORIZED 149 22 27 4 99 301	GTH ACTUAL 149 22 27 4 99 301
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28 NGW93GAA	STREN: AUTHORIZED 149 22 27 4 99 301	GTH ACTUAL 149 22 27 4 99 301
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28 NGW93GAA	STREN: AUTHORIZED 149 22 27 4 99 301	GTH ACTUAL 149 22 27 4 99 301
12	. RESERVE UNIT DATA UNIT DESIGNATION (HQ ARNG ELMT, JFH AIR NATIONAL GUARD OREGON (BN ARNG RE (DET REGIONAL TRIA	A IQ-OR) O TECH DA CCRUIT & I		W8BAA ANG00 W7774 WPR3A	A 1 0 A	56751 56751	MTOE/TDA NGW8BAAA NGW777AA 27543RNG28 NGW93GAA	STREN: AUTHORIZED 149 22 27 4 99 301	GTH ACTUAL 149 22 27 4 99 301

COMPONENT	FY 2016 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
INSTALLATION AND L	OCATION		4. AREA CONSRUCTION
Salem	INSNO= 41C03		COST INDEX
Oregon			1.09
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE		AUTHORIZE	D ACTUA
WHEELED		12	
TRAILERS		1	
TRACKED			8
EQUIPMENT	× 20 ₽T		9
Fuel Truc			2
	v		
HET			0
TOTALS		15	8 15
. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)
A. AIR PO	LLUTION		0
B. WATER	POLLUTION		0
C. OCCUPA	TIONAL SAFETY AND HEALTH		0

1. COMPONENT					2. DATE			
	FY 2016 MILITARY CONSTRUCTION PROJECT DATA							
ARNG	02 FEB 2015							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
Salem Oregon			NATIONAL GUAR (JFHQ)	D/RESERVE CI	ENTER ADD			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)			
		85635						
0505896A	17142	41	0301	Approp	16,500			

	9. C	OST EST	IMATES		
ITEM	UM	(M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					13,602
17142 NG/RC BLDG Addition	m2	(SF)	5,117 (55,078)	2,508	(12,833)
81122 Electric Power, Photovoltaic	EA		1	247,000	(247)
Sustainability/Energy Measures	LS				(262)
Additional ATFP	LS				(260)
SUPPORTING FACILITIES					1,230
Electric Service	LS				(79)
Water, Sewer, Gas	LS				(277)
Paving, Walks, Curbs And Gutters	LS				(46)
Storm Drainage	LS				(163)
Site Imp(401) Demo()	LS				(401)
Information Systems	LS				(55)
Antiterrorism Measures	LS				(148)
Exterior Fire Protection	LS				(61)
ESTIMATED CONTRACT COST					14,832
CONTINGENCY (5.00%)					742
SUBTOTAL					15,574
SUPV, INSP & OVERHEAD (3.53%)					550
DESIGN/BUILD-DESIGN COST (4.00%)					623
TOTAL REQUEST					16,747
Other Non-DoD Component Share					247
TOTAL FEDERAL REQUEST					16,500
TOTAL FEDERAL REQUEST (ROUNDED)					16,500
INSTALLED EQT-OTHER APPROP					(2,349)

A specially designed National Guard/Reserve Center Joint 10. Description of Proposed Construction Force Headquarters (JFHQ) of permanent construction. The JFHQ includes the following items that are integral to the facility; Additional ATFP and Electric Power (Photovoltaic). This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480 and 90-400. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas for POVs and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Protective measures required by regulation and additional protective measures, above the minimum required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings), will be provided to mitigate the threat. This project will comply with the Army 1 SQ FT for 1 SQ FT disposal policy through the disposal of 59,581 SQ FT. Disposal of 4 buildings at Camp Withycombe, OR (Total 462 m2/4,975 SF), 3 buildings at Lake Oswego Readiness Center, OR (Total 2,436 m2/26,226 SF), 2 buildings at Oregon City Readiness Center, OR (Total 1,317 m2/14,180 SF), 1 building at Maison Readiness Center, OR (Total 242 m2/2,600 SF), and 1 building at Silverton Armory, OR (Total 1,078 m2/11,600 SF). Air Conditioning (Estimated 605 kWr/172

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Salem Oregon		NATIONAL GUAR.	D/RESERVE C	ENTER ADD	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
05050067	15140		635		16 500
0505896A	17142	41	0301	Approp	16,500

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) Tons).

 $\frac{11. \text{ REQ:}}{\text{PROJECT:}} \quad 5,117 \text{ m2} \qquad \text{ADQT:} \quad 7,103 \text{ m2} \qquad \text{SUBSTD:} \qquad \text{NONE}$ $\frac{\text{PROJECT:}}{\text{Center (Joint Force Headquarters) that supports training, administrative, and logistical requirements for the ORARNG. This facility will be built on State land. The ANG has a $1,351,000 joint share for this project and the State of OR has a $247,000 share based on state requirements. (Current Mission)$

REQUIREMENT: Currently we have turned every available space in the Owen Summers Readiness center (JFHQ) and the Anderson Readiness Center a half a mile away into office space plus rent additional office space. This project will allow the ORANG to consolidate departments and open up conference rooms to their original purpose and dispose of the old Army Reserve center back to the Oregon Department of Administrative Services. This facility is designed to meet MTOE changes for the assigned units along with the functions of the Joint Force Headquarters within the transformed force structure of the Oregon National Guard. This building will provide a modern, state of the art facility to promote unit readiness, training and unit administration. State is providing funds for Electric Power, Photovoltaic renewable energy. The building is programmed for the W8BAAA Hqs Army Ele, JFHQ, G-Staff, W93GAA Hqs Army Element, JFHQ, J-Staff, AIR NATIONAL GUARD TECH, W77740 OREGON BN ARNG RECRUIT & RET, WPR3AA DET REGIONAL TRIAL DET.

CURRENT SITUATION: This project is critical to the state of Oregon due to the current situation of the existing building is 89,182 SQFT and is only 61% of the total authorized square footage. The current facility is unable to meet the requirements for the increased numbers in force structure. These facilities do not comply with the NG Pam 415-12 dated 1 June 2011 criteria. Addition is viable, by building more square footage we will eliminate overcrowding in the current building.

The State of Oregon has conducted a preliminary design on this project and is currently at 65 % Design.

The site for this project is in the possession of the state of Oregon.

Currently, the state of Oregon has begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 2002.

Site Site Cat FACNO ISR-I F Local Code UID Code Year Rating Rating Name 41C03 3806 17142 10510 2013 01

The readiness rating per the Infrastructure Status Report 2013 is "Green" indicating the facility is adequate for interim use but it is deficient in office space, conference, and class rooms.

IMPACT IF NOT PROVIDED: If this project is not provided, there will continue to be a deficit of administrative space to support headquarters functions for the state and

PAGE NO. 68 PREVIOUS EDITION IS OBSOLETE DD FORM 1391C, JUL 1999

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Salem Oregon			NATIONAL GUAR. (JFHQ)	D/RESERVE C	ENTER ADD
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
05050063	15140	85635			16 500
0505896A	17142	41	0301	Approp	16,500

IMPACT IF NOT PROVIDED: (CONTINUED)

impact security, emergency preparedness and combat readiness. The current building is just over half the authorized size, forcing the state to split offices up and spread them out among several installations. Crowded office space will continue to impact productivity and reduce morale.

<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and additional protective measures, above the minimum required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings), are needed to mitigate the threat. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JUN 2014
(b)	Percent Complete as of January 2015	65
(C)	Date 35% Designed	OCT 2014
(d)	Date Design Complete	OCT 2015
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: NC

(c) Total Design Cost	COMPONENT					2. DATE
A PROJECT TITLE	7 DATA		FY 2016 MILITA	ARY CONSTRUCTION PRO	JECT DATA	00 EED 2015
NATIONAL GUARD/RESERVE CENTER ADD (JPFQ) NATIONAL GUARD/RESERVE CENTER (JPFQ) NATIONAL GUARD/RESERVE CE		D LOCATION	1	4. PROJECT	TITLE	02 FEB 2015
PROOF	lem					'ENTER ADD
SUPPLEMENTAL DATA (CONTINUED) A. Estimated Design Data: (CONTINUED) (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications					E COARD/REDERVE C	ENTER ADD
17142	PROGRAM ELEMENT	•	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	Т (\$000)
### A. Estimated Design Data: (CONTINUED) A. Estimated Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications. (b) All Other Design Costs. 5((c) Total Design Cost. 5((d) Contract. 5((e) In-house. 5((e) In-house. 7((f) Construction Contract Award. 7((f) Construction Start. 7((g) Construction Completion. 7((h) Construction Completion. 7(Equipment associated with this project which will be provided from other appropriations: 8(Equipment Nomenclature 8(Appropriation Procuring Appropriated Or Requested (\$000) F.F. & E. OMNG 2017 7(ESS (171R) OPA 2017 1,18 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 3,6000 Appropriation OMNG 2017 1,18 Info Sys - PROP OMNG 2017 3,6000 Appropriation OMNG 2017 1,18 Info Sys - PROP OMNG 2017 3,6000 Appropriation OMNG 2017 1,18 Info Sys - PROP OMNG 2017 3,6000 Appropriation OMNG 2017 1,18 Info Sys - PROP OMNG 2017 3,6000 Appropriation OMNG 2	00000		17140	I		16 500
A. Estimated Design Data: (CONTINUED) (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications. (b) All Other Design Costs. 56 (c) Total Design Cost. 55 (d) Contract. 55 (e) In-house. 56 (5) Construction Contract Award. MAR 20 (5) Construction Start. APR 20 B. Equipment associated with this project which will be provided from other appropriations: Equipment Procuring Appropriated Or Requested (\$000 F F & E OMNG 2017 79 ESS (171R) OPA 2017 79 ESS (171R) OPA 2017 79 Info Sys - ISC OPA 2017 1,16 Info Sys - PROP OMNG 2017 7,36 Info Sys - PROP OMNG 2017 1,16 Info Sys - PROP OMNG 2017 1,16 Info Sys - PROP OMNG 2017 3,6	005896A		1/142	410301	Approp	16,500
A. Estimated Design Data: (CONTINUED) (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications	. SUPPLEME	NTAL DA	TA (CONTINUED)			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications. (b) All Other Design Costs. (c) Total Design Cost. (d) Contract. (e) In-house. (4) Construction Contract Award. (5) Construction Start. (6) Construction Completion. (7) B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriated Or Requested (\$000)				NUED)		
(a) Production of Plans and Specifications. 50 (b) All Other Design Costs. 50 (c) Total Design Cost. 50 (d) Contract. 50 (e) In-house. MAR 20 (4) Construction Contract Award. MAR 20 (5) Construction Start. APR 20 (6) Construction Completion. MAR 20 B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriated Appropriated Or Requested (\$000 F F & E OMNG 2017 75 ESS (171R) OPA 2017 95 Info Sys - ISC OPA 2017 1,16 Info Sys - PROP OMNG 2017 1,16 Info Sys - PROP OMNG 2017 36						(\$000)
(b) All Other Design Costs. 56 (c) Total Design Cost. 56 (d) Contract. 56 (e) In-house. MAR 20 (4) Construction Contract Award. MAR 20 (5) Construction Start. APR 20 (6) Construction Completion. MAR 20 B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriated Or Requested (\$000) F F & E OMNG 2017 75 ESS (171R) OPA 2017 75 Info Sys - ISC OPA 2017 1,16 Info Sys - PROP OMNG 2017 1,16 OMNG 2017 36						0
(d) Contract. (e) In-house. (4) Construction Contract Award. (5) Construction Start. (6) Construction Completion. B. Equipment associated with this project which will be provided from other appropriations: Equipment Nomenclature Procuring Appropriated Nomenclature Appropriation Fiscal Year Appropriated Or Requested (\$000 FF & E OMNG Cost Nomenclature OPA 2017 Info Sys - ISC OPA 2017 Info Sys - PROP OMNG 2017 1,18 Info Sys - PROP OMNG 2017 36		(b) Al	.l Other Design Co	sts		504
(e) In-house (4) Construction Contract Award (5) Construction Start (6) Construction Completion B. Equipment associated with this project which will be provided from other appropriations: Equipment Procuring Appropriated Appropriated Nomenclature Appropriation Or Requested (\$000 F F & E OMNG 2017 75 ESS (171R) OPA 2017 75 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36		(c) To	tal Design Cost			504
(4) Construction Contract Award						504
(5) Construction Start		(e) In	n-house			0
(5) Construction Start						
B. Equipment associated with this project which will be provided from other appropriations: Equipment Nomenclature F & E OMNG OPA 2017 Info Sys - ISC Info Sys - PROP MAR 202 MAR 202 Fiscal Year Appropriated Or Requested (\$000 \$0000 \$000 \$000 \$000 \$000 \$0000 \$000 \$000 \$000 \$000 \$000 \$0000	(4)	Constru	action Contract Aw	ard		MAR 2016
B. Equipment associated with this project which will be provided from other appropriations: Equipment Nomenclature Fiscal Year Appropriated Or Requested (\$000 FF & E OMNG OPA 2017 Info Sys - ISC OPA 2017 OMNG 2017 1,18 Info Sys - PROP OMNG 2017 36						
B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Equipment Procuring Appropriated Cost Nomenclature Appropriation Or Requested (\$000 F F & E OMNG 2017 79 ESS (171R) OPA 2017 79 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36	(5)	Constru	ction Start			APR 2016
B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Equipment Procuring Appropriated (\$000 Or Requested) F F & E OMNG 2017 79 ESS (171R) OPA 2017 99 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36						
other appropriations: Equipment Procuring Appropriated Cost Nomenclature Appropriation Or Requested (\$000 F F & E OMNG 2017 75 ESS (171R) OPA 2017 5 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36	(6)	Constru	action Completion.			MAR 2018
F F & E OMNG 2017 75 ESS (171R) OPA 2017 5 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36		170			Appropriated	
ESS (171R) OPA 2017 9 Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36		116				
Info Sys - ISC OPA 2017 1,18 Info Sys - PROP OMNG 2017 36						750 50
Info Sys - PROP OMNG 2017 36				_		1,186
	_					362
Total 2,34						
					Total	2,349
					Total	2,34
CFMO Phone 503-584-3503						

Number:

1. COMPO	ONENT			FY 2016 GUARI	AND RESERVE		2. DATE	
ARNG				MILITARY CO	ONSTRUCTION		02 FEB 2	015
1					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		""	010
3. INSTA	ALLATION AND L	OCATION					4. AREA CON	SRUCTION
Fort	Indiantown Ga	.p		INSNO	= 42307		COST IND	EX
Penns	sylvania						1	.09
5. FREQU	UENCY AND TYPE	OF UTILIZA	TION					
Suppo	ort logistical	and operat	ional	activities for	training 365 da	ays/year.		
6. OTHER	R ACTIVE/GUARD	/RESERVE IN	STALLA	TIONS WITHIN 15	MILE RADIUS			
USA	New Cumber	rland, PA		30.00 miles Bas	se	994,944 m2 (10,709,494 SF) 1918
USN	Mechanicsk	ourg, PA		30.00 miles Bas	se	1,987 m2	(21,390 SF)	1942
USA	Carlisle,	PA		40.00 miles Bas	se	722,152 m2 (7.773.182 SF)	1757
	<u> </u>					,		
7. PROJE	ECTS REQUESTED	IN THIS PR	OGRAM					
CATEG	GORY					COST	DESIGN S'	TATUS
CO.	DE PROJECT	ים. זיידיד			SCOPE	(\$000)		CMPL
		-		6 525 0				
14129	9 TRAINING	AIDS CENTE	SR	6,535 m2	(70,343 SF)	16,000	JAN 2014 A	AUG 2015
8 97777	F CIINDD/DECEDW	T FORCES EX	CILITI	ES BOARD RECOMM	FNDATION			
						DECEDITE FORCES	14 2770	2014
l						RESERVE FORCES		
FACII	LITIES BOARD F	OR POSSIBLE	JOINT	USE/EXPANSION.	THE BOARD RECO	OMMENDATIONS ARE	(Da	te)
UNILA	ATERAL CONSTRU	CTION.						
9. LAND	ACQUISITION R	EQUIRED						
None								0
							(Number of a	acres)
10. PROJ	JECTS PLANNED	IN NEXT FOU	R YEAR	S				
CATEG	GORY							COST
COL	DE PROJECT T	TITLE				SCOPE		(\$000)
-								
MONTE								
NONE								
ססססח	מווכידא דאושם	איי סובייר∩סאי	TT ON	AND MODERNIZATI	OM (CDM).	0		
DB1 B1	CICED DOUTHING	ivi, kubioki	.1101,	THE PRODUCTION	OIV (BIGI)	· ·		
A SIT	TE SURVEY HAS	BEEN COMPLE	TED AN	D THE SITE IS S	UITABLE FOR CON	NSTRUCTION OF THE	PROPOSED PRO	JECT AT
THE F	ESTIMATED COST	INDICATED.						
11. PERS	SONNEL STRENGT	H AS OF 05	AUG 20	14				
			PERMAI	NENT		GI	JARD/RESERVE	
		momat 000					,	MI TOWNS
			FICER		LIAN	TOTAL		NLISTED
AUTHO	ORIZED	1	0	0	1	129	20	109
ACTU <i>A</i>	AL	1	0	0	1	129	20	109
12 RESE	ERVE UNIT DATA							
IZ. KEDI	DICTE ONLY	_					amp =114	
							STRENG	TH
UNIT	DESIGNATION			UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL
(CTR	TRAINING CENT	ER P)		W92JAA	8T400	NGW92JAA	129	129
							129	129
						Assig	gned/Authoriz	ed: 100%
10 343 70	OD EQUITORATE	NID ATDODAGE						
LI. MAJC	OR EQUIPMENT A	MU AIRCRAFT						
	TYPE					A TIMITOD TO		A CITITIA T
						AUTHORIZ	<u>ED</u>	ACTUAL
	WHEELED						83	83
	WHEELED TRAILERS							
	TRAILERS						0	83
	TRAILERS TRACKED						0 7	83 0 7
	TRAILERS TRACKED	г > 30 FT					83	83
	TRAILERS TRACKED	r > 30 FT					0 7	83 0 7
	TRAILERS TRACKED EQUIPMENT	r > 30 FT					83 0 7 4	83 0 7 4
	TRAILERS TRACKED EQUIPMENT Fuel Truc HET	r > 30 FT					83 0 7 4 0	83 0 7 4 0
	TRAILERS TRACKED EQUIPMENT	r > 30 FT					83 0 7 4	83 0 7 4 0
	TRAILERS TRACKED EQUIPMENT Fuel Truc HET	r > 30 FT					83 0 7 4 0	83 0 7 4 0

1. COMPONI	ENT	FY 2016 GUARD AND RESERVE	2	. DATE
ARNG		MILITARY CONSTRUCTION		02 FEB 2015
-				
	LATION AND LOCATION		4	. AREA CONSRUCTION
	ndiantown Gap	INSNO= 42307		COST INDEX
Pennsy	lvania			1.09
14. OUTST	ANDING POLLUTION AND SA	FETY DEFICIENCIES	L	
			(\$000)	
	A. AIR POLLUTION		(\$000)	
	B. WATER POLLUTION		0	
	C. OCCUPATIONAL SAFE	TY AND HEALTH	0	

1. COMPONENT					2. DATE
	FY 2016 MILITARY	CONSTRUCT	CION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Indiantown Gap Pennsylvania			TRAINING AIDS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	14129	85636 420522		Approp	16,000
	9. (COST ESTIMAT	ES	•	

F. COST ESTIMATES									
ITEM	UM	(M/E)		QUANTI	Ϋ́	UNIT COST	COST(\$000)		
PRIMARY FACILITY							13,180		
14129 TAC	m2	(SF)		6,514 (70,118)	1,823	(11,873)		
89123 Storage Shed	m2	(SF)		20.90 (225)	915.07	(19)		
85210 Org Vehicle Parking, Paved	m2	(SY)		2,090 (2,500)	131.56	(275)		
81122 Electric Power, Photovoltaic	EA			1		180,000	(180)		
82187 Heating Plant, Geothermal	EA			1		575,000	(575)		
Sustainability/Energy Measures	LS						(258)		
SUPPORTING FACILITIES							1,541		
Electric Service	LS						(30)		
Water, Sewer, Gas	LS						(327)		
Paving, Walks, Curbs And Gutters	LS						(189)		
Storm Drainage	LS						(250)		
Site Imp(395) Demo(150)	LS						(545)		
Information Systems	LS						(12)		
Antiterrorism Measures	LS						(94)		
Other	LS						(94)		
ESTIMATED CONTRACT COST							14,721		
CONTINGENCY (5.00%)							736		
SUBTOTAL							15,457		
SUPV, INSP & OVERHEAD (3.51%)							543		
TOTAL REQUEST							16,000		
TOTAL FEDERAL REQUEST							16,000		
TOTAL FEDERAL REQUEST (ROUNDED)							16,000		
INSTALLED EQT-OTHER APPROP							(1,316)		

A specially designed National Guard Training Aids Center 10. Description of Proposed Construction (TAC) of permanent construction. The TAC includes the following items that are integral to the facility; Storage Shed, Organizational Vehicle Parking (Paved), Electric Power (Photovoltaic), and Heating Plant (Geothermal). This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 70,400 SQFT. Disposal of 14 buildings (Total 6,540 m2/70,400 SF). Air Conditioning (Estimated 823 kWr/234 Tons).

11. REQ: 6,535 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 70,343 SF Training Aids Center (TAC) that supports training, administration, maintenance and logistical requirements for the PAARNG. This facility will built on Federal land. (Current Mission)

1. COMPONENT					2. DATE
	FY 2016 MILITAR	RY CONSTRUC	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION	T		4. PROJECT TITLE		
Fort Indiantown Gap Pennsylvania			TRAINING AIDS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	14129		636 0522	Approp	16.000

REQUIREMENT: The TAC facility is designed to meet training support requirements for the PAARNG, neighboring ARNG units, USAR, and AC Soldiers in excess of 20,0000 total Soldiers. Range Facility Management Support System (RFMSS) for each fiscal year throughput exceeds 800,000 man days. Maximum use of the existing World War II facility is predicated on the RFMSS data, while AR 5-9 and area of responsibility covered by the current Training Aids Center as detailed in the 12 April 10 Memo "Authorization to Realign AR 5-9 Training Support [Aids] Center Area of Support at Fort Indiantown Gap and Fort Dix, NJ" likewise support the facilities requirement.

CURRENT SITUATION: This project is critical to the state of Pennsylvania due to the current situation of the existing facility being used as a Training Aids Center (TAC) is a temporary WWII facility which is not adequate for its required mission at Ft Indiantown Gap (FTIG). Proposed facility will greatly enhance training of 800,000 man-days supported by FTIG each year with a modern TAC to store and issue modern simulation devices, training aids, and other equipment to conduct realistic training. PAARNG conducted a Planning and Programming Development Charette the existing facility being used as a Training Aids Center (TAC). It is a temporary WWII facility which is not adequate for its required mission at Ft Indiantown Gap (FTIG).

Existing facility currently supporting this mission was built 75 years ago is temporary and therefore not rated in ISR. It does not comply with NGB PAM 415-12, current code requirements, ADA, or ATFP. Current facility also has mold and other Life, Health, Safety issues.

Renovation or addition/alteration is not a viable option.

The State of Pennsylvania has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of Pennsylvania.

Currently, the state of Pennsylvania has completed the environmental assessment on this project.

There currently is no facility to complete the mission.

Site Site Cat FACNO ISR-I F Q C Local Code UID Code Year Rating Rating Name 42307 5015 14129 No Facility

If this project is not provided, sustainment costs and safety issues will continue to rise with the increasing age of the facilies. Without sufficient space Ft Indiantown Gap will continue to store TADSS in sea-land containers. At some point in the near future the facilities will become unsafe to use. In combination with the current facilities' space deficiencies, this will negatively impact the Unit Readiness and the quality of life for current units and their ability to meet mission essential training requirements. The site is located in the "World War II era" facilities and are classified as temporary and are not rated in the ISR; however, if they were, the

				2. DATE	
FY 2016 MILITARY (CONSTRUCT	CION PROJECT D	ATA		
				02 FEB	2015
		4. PROJECT TITLE			
		TRAINING AIDS	CENTER		
6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
14129		0.500	Approp	16,000	
]	6. CATEGORY CODE	6. CATEGORY CODE 7. PROJECT 85	4. PROJECT TITLE TRAINING AIDS 6. CATEGORY CODE 7. PROJECT NUMBER 85636	FY 2016 MILITARY CONSTRUCTION PROJECT DATA 4. PROJECT TITLE TRAINING AIDS CENTER 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST 85636	4. PROJECT TITLE TRAINING AIDS CENTER 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 85636

IMPACT IF NOT PROVIDED: (CONTINUED)

overall rating for these facilities would be RED or BLACK due to their overall poor condition.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN	2014
(b)	Percent Complete as of January 2015		35
(C)	Date 35% Designed	JAN	2015
(d)	Date Design Complete	AUG	2015
(e)	Parametric Cost Estimating Used to Develop Costs		NO
(f)	Type of Design Contract: Design-bid-build		
(g)	An energy study and life cycle cost analysis will be		
	documented during the final design.		

- (2) Basis:
 - (a) Standard or Definitive Design: NO

(4) Construction Contract Award	COMPONENT	DI 0016 177	DI GONGEDI-G	TECE DATE	2. DATE
A PROJECT TITLE TRAINING AIDS CENTER TRAINING AIDS CENTER	ARNG	FY 2016 MILITA	ARY CONSTRUCTION PRO	JECT DATA	02 FFR 2015
TRAINING AIDS CENTER	_		4. PROJECT	TITLE	02 110 2013
TRAINING AIDS CENTER	rt Indiantown Gap				
Name	nnsylvania				
SUPPLEMENTAL DATA (CONTINUED)	PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)
A. Estimated Design Data: (CONTINUED) (b) All Other Design Costs. 501 (c) Total Design Cost. 1,384 (d) Contract. 21,384 (e) In-house. 0 (4) Construction Contract Award. MAR 2016 (5) Construction Start. Appropriation 50 B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriations: Fiscal Year Appropriated Nomenclature Appropriation 54 Equipment Appropriation 75 ESS OPA 2017 54 FF & E OMNG 2017 659 Info Sys - ISC OPA 2017 478 Info Sys - PROP OMNG 2017 125	05896A	14129		Approp	16,000
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Total 1,510	III Sys Indi		OTANG		_
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Number:

1. COMP	ONENT			FY 2016 GUA	RD AND RESERVE		2. DATE	
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-1110							""	
3. INST	CALLATION AND L	OCATION					4. AREA C	ONSRUCTION
Nort	h Hyde Park			INSN	io= 50420		COST I	NDEX
Verm	=							.91
veriii	IOIIL							.91
5. FREQ	QUENCY AND TYPE	OF UTIL	IZATION					
Main	itenance operat	ions ful	l time 5 d	lays/week and	1 weekend/month f	or IDT Units.		
	-			• .				
6. OTHE	ER ACTIVE/GUARD	/RESERVE	INSTALLAT	TIONS WITHIN 1	5 MILE RADIUS			
ARNG	Waterbury,	7777		10 00 miles Pa	eadiness Center	1 047 m2	/11 272 CEV	1956
ARNG	Berlin, VI	Γ		35.00 miles Re	eadiness Center	1,897 m2	(20,419 SF)	1970
ARNG	Enosburg,	VT		36.00 miles Re	eadiness Center	1,253 m2	(13,482 SF)	1960
7. PROJ	FECTS REQUESTED	IN THIS	PROGRAM					
CATE	GORY					COST	DESIGN	STATUS
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	TE GUARD/RESERV							
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UNIT.	LATERAL CONSTRU	CTION						
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9. LAND	ACQUISITION R	REOUIRED						
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None	:							
							(Number of	E acres)
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CATE	GORY							COST
CO	DE PROJECT T	TITLE				SCOPE		(\$000)
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NONE]							
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DEFE A SITHE THE 11. PER AUTH ACTU 12. RES UNIT FMS	CRRED SUSTAINME TE SURVEY HAS ESTIMATED COST RSONNEL STRENGT HORIZED JAL SERVE UNIT DATA DESIGNATION 05 (EQP VT ARN TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COMP INDICATION OF TOTAL 45 45 45 AS OF TOTAL 45 AS OF TOTAL 45 AS OF TOTAL 45 AS OF TOTAL AS OF	PLETED ANI ED. 05 DEC 201 PERMAN OFFICER 0 0 INT)	O THE SITE IS 1.4 IENT ENLISTED CIV 0 0	SUITABLE FOR CONS VILIAN 45 45	TRUCTION OF THE G TOTAL 0 0 MTOE/TDA Assi	SUARD/RESERVI OFFICER 0 0 STRE AUTHORIZEI (((((((((((((((((((E ENLISTED 0 0 0 NGTH 2 ACTUAL 0 0 0 ized: 0% ACTUAL 11 0 0 2
DEFE A SITHE THE 11. PER AUTH ACTU 12. RES UNIT FMS	ERRED SUSTAINME TE SURVEY HAS ESTIMATED COST RSONNEL STRENGT HORIZED JAL SERVE UNIT DATA DESIGNATION 05 (EQP VT ARM TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck HET	BEEN COMP INDICATION OF TOTAL 45 45 45 AS OF TOTAL 45 AS OF TOTAL 45 AS OF TOTAL 45 AS OF TOTAL AS OF	PLETED ANI ED. 05 DEC 201 PERMAN OFFICER 0 0 INT)	O THE SITE IS 1.4 IENT ENLISTED CIV 0 0	SUITABLE FOR CONS VILIAN 45 45	TOTAL O MTOE/TDA Assi AUTHORIX	SUARD/RESERVI OFFICER 0 0 STRE AUTHORIZEI (((((((((((((((((((E ENLISTED 0 0 0 NGTH D ACTUAL 0 0 ized: 0% ACTUAL 11 0 0 2 2 2 0
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DEFE A SITHE THE THE THE THE THE THE THE THE THE	ERRED SUSTAINME TE SURVEY HAS ESTIMATED COST RSONNEL STRENGT HORIZED JAL SERVE UNIT DATA DESIGNATION 05 (EQP VT ARM TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck HET	BEEN COMP INDICATION INDICATION I	PLETED ANI ED. 05 DEC 201 PERMAN OFFICER 0 0 INT)	O THE SITE IS 1.4 IENT ENLISTED CIV 0 0	SUITABLE FOR CONS VILIAN 45 45	TOTAL O MTOE/TDA Assi AUTHORIX	SUARD/RESERVI OFFICER 0 0 STRE AUTHORIZEI (((((((((((((((((((E ENLISTED 0 0 0 NGTH D ACTUAL 0 0 ized: 0% ACTUAL 11 0 0 2 2 2 0

1. COMPONENT	FY 2016 GUARD AND RESERVE	2.	DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
2 TNIOMATTAMTO:	LOGATION		ADEA COMODICATO
3. INSTALLATION AND I		4.	AREA CONSRUCTION
North Hyde Park	INSNO= 50420		COST INDEX
Vermont			.91
14. OUTSTANDING POLL	UTION AND SAFETY DEFICIENCIES	•	
		(\$000)	
A. AIR P	OLLUTION	0	
	POLLUTION	0	
	ATIONAL SAFETY AND HEALTH	0	
C. 00001	MITOWIE GREET THE MERETI	Ü	

1. COMPONENT							2. I	DATE
	FY 2016 MILIT	ARY (CONSTR	RUCTION PRO	JECT	DATA		
ARNG	T.O.V.			4 550 750			0.	2 FEB 2015
3. INSTALLATION AND LOCAT	ION			4. PROJEC	I. TITLE	5		
North Hyde Park Vermont				NATIONA ADD	L GUZ	ARD VEHIC	CLE MAIN	TENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT NUMBER		8. PROJE	CT COST (\$0	000)
0505896A	21407			85650 500079		Approp		7,900
		9. (COST EST	'IMATES				
I,	ΓΕΜ	UM	(M/E)	QU	ANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY								6,204
21407 Maintenance	Shop Addition	m2	(SF)	2,755	(29,656)	1,82	7 (5,034)
44263 Unheated Enc.	l/Shed Vhcl Strg	m2	(SF)	743.22	! (8,000)	861.12	2 (640)
44224 Enclosed Unh	eated Storage	m2	(SF)	241.55	5 (2,600)	861.13	1 (208)
82187 Heating Plan	t Geothermal	LS						(200)
Sustainabili	ty/Energy Measures	LS						(122)
SUPPORTING FACILIT	IES							1,066
Water, Sewer, Gas		LS						(49)
Paving, Walks, Curi	bs And Gutters	LS						(569)
Storm Drainage		LS						(115)
Site Imp(186) Demo	()	LS						(186)
Information System		LS						(11)
Antiterrorism Meas		LS						(62)
Loading Dock		LS						(74)
ESTIMATED CONTRACT	COST							7,270
CONTINGENCY (5.00%								364
SUBTOTAL	•							7,634
SUPV, INSP & OVERH	EAD (3.48%)							266
TOTAL REQUEST	,							7,900
TOTAL FEDERAL REQU	EST							7,900
TOTAL FEDERAL REQU								7,900
INSTALLED EQT-OTHE								(684)
10. Description of Propos		cial	lv des	L signed Na	tiona	l Guard	L Vehicle	
Shop Addition of po	-		_	_				
includes the follow								
Vehicle Storage, E								
will be designed to								
building codes and								
services, informat								
walks, curbs, gutte								
will be designed to								
Facilities Code (U								
integrated building								
Development Policy								
provided. Antiterro								
building standards								
SQFT disposal police								
Burlington Readine								
Training Site, VT								
(Total 2,065 m2/22								
I .	,226 SF), and 3 Dui ,863 SF). Air Cond							.10P 0, VI
(10car 1,193 m2/12	,000 pr). All COIR	41 CTO	111119	(is cimated	103	17MT \ 40 T	0110).	
11. REQ: 3,740 m	m2 ADQT:			NONE	S	SUBSTD:		NONE

1. COMPONENT				2. DATE
	FY 2016 MILITA	RY CONSTRUC	TION PROJECT DATA	
ARNG				02 FEB 2015
3. INSTALLATION AND LOC	ATION		4. PROJECT TITLE	
North Hyde Park Vermont			NATIONAL GUARD VEHICL	E MAINTENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER 8. PROJECT	COST (\$000)
0505896A	21407		650 0079 Approp	7,900

PROJECT: To construct a 40,256 SQFT National Guard Vehicle Maintenance Shop Addition that supports field maintenance shops to repair combat and tactical vehicles for the VTARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This facility is designed to meet maintenance readiness requirements for the supported units of the 86th IBCT (MTN). This project is needed to replace two shops from the 1950's which are less than 6,000 SQFT. This project will improve ISR, safety, and equipment readiness.

CURRENT SITUATION: This project is critical to the state of Vermont due to the current situation of the combined existing shops fall short of the required space by nearly 30,000 sf. Due to the shortage of space on existing lots, renovating the existing buildings would not be feasible. Currently, units are supported by facilities greater than 30 miles further due to inadequate space and ability of the current facilities.

The State of Vermont has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of Vermont.

Currently, the state of Vermont has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1957.

No changing room, no showers, no lifting devices, vehicle exhaust system does not meet requirements, lack of storage areas create crowding and fire hazards. Exterior lighting is inadequate, not ADA compliant, inadequate number of latrines, no central fire alarm

The current facility is not energy efficient. Additional travel time and distance costs for vehicles that cannot be serviced at current facilities (ie. 60 miles round trip to the nearest adequate shop.)

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
50A87	7375	21407	OMS 6	2014	F3	Q3	C3	St Albans
50A53	5988	21407	OMS 5	2014	F4	Q3	C3	Lyndonville

The current facilities do not comply with the NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), lack adequate training areas, administrative space, supply room space, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

IMPACT IF NOT PROVIDED: If this project is not provided Soldiers will continue to work in undersized bays and continue working to expose the soldiers to safety hazards related

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1. COMPONENT					2. DATE
	FY 2016 MILITAR	Y CONSTRUC	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION	1		4. PROJECT TITLE		
North Hyde Park Vermont			NATIONAL GUAR ADD	D VEHICLE M.	AINTENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	21407		650 0079	Approp	7.900

IMPACT IF NOT PROVIDED: (CONTINUED)

to lack of required space. The current facilities do not comply with NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Force Protection (ATFP). This facility has been written up by the safety OIC many times for unsafe working conditions. The lack of adequate maintenance bay space cannot support some of the items on the current inventory. Lack of space will continue to negatively impact the unit Organizational Readiness posture. There is not enough administrative space, supply room space, break room space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space. There is not enough land to consider addition or alterations to the existing facility.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Design Start Date	FEB 2012
(b)	Percent Complete as of January 2015	35
(C)	Date 35% Designed	JAN 2015
(d)	Date Design Complete	NOV 2015
(e)	Parametric Cost Estimating Used to Develop Costs	NO
/ f \	Type of Dogian Contract: Dogian hid huild	-

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

COMPONENT					2. DATE
		FY 2016 MIL	TARY CONSTRUCTION	PROJECT DATA	
ARNG					02 FEB 2015
INSTALLATION AN	D LOCATION		4. PRC	JECT TITLE	
rth Hyde Pa rmont	rk		NATION ADD	ONAL GUARD VEHICLE	MAINTENANCE SH
ROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	OST (\$000)
)5896A		21407	85650 500079	Approp	7,900
SUPPLEME	NTAI, DAT	A (CONTINUED.)		
		sign Data: (CON	<u> </u>		
A. ESCIN			the final design.		
	aoc	cumenced during	the rinar design.		
(2)	Basis:				
(2)		and an Datin	itima Daniam: NO		
	(a) Sta	andard or Defin	itive Design: NO		
(2)	Total Do	ngian Coat (a)	- (a) (b) OP (d) ((-) ·	(\$000)
(3)			= (a) + (b) OR (d) + (e)		. ,
			ns and Specification		437
			Costs		247
			• • • • • • • • • • • • • • • • • • • •		684
	. ,	_	• • • • • • • • • • • • • • • • • • • •		684
	(e) In-	-house			0
(4)	Construc	ction Contract	Award		MAR 2016
(5)	Construc	ction Start			APR 2016
(6)	Construc	ction Completio	n		MAR 2018
B. Equipother appr			his project which w	will be provided fr	om
Equipment			Procuring	Fiscal Year Appropriated	Cost
Nomenclatu	re		Appropriation		(\$000)
F F & E			OMNG	2017	395
Physical F	itness		OMNG	2017	39
Info Sys -			OPA	2017	60
Info Sys -			OMNG	2017	191
				Total	684

CFMO Phone Number: 802-338-3041

- 7								_	
1.	COMPONENT			FY 2016 G	UARD AND	RESERVE		2. DATE	
	ARNG			MILITAR	Y CONSTRU	JCTION		02 FEB	2015
l									
3	INSTALLATION AND	LOCATION						4 APEA CO	ONSRUCTION
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l	Virginia			11	12IIO- 3I	C00		CO31 11	
	VIIGINIA								.91
5.	FREQUENCY AND TYPE	E OF UTIL	JIZATION						
	Administration 5 of	days/week	c, with 2-	day training	g assembl	y 2-3 time	s/month.		
_	OFFICE ACTIVE (CITAD)	_ /DEGEDITE		miora utmiti	. 15 MITT	DADTIIG			
٥.	OTHER ACTIVE/GUARI								
	ARNG Sandston,			10.00 miles			•	(45,780 SF)	1990
	ARNG Petersbur	g, VA		10.00 miles	Readines	ss Center			1971
	ARNG Richmond	- CSMS, V		1.00 miles			•	(21,214 SF)	1950
	AR Richmond	- MONTEI	ГН	5.00 miles	Readines	ss Center	2,160 m2	(23,247 SF)	1960
	AR Richmond	- DERVISE	HIA	5.00 miles	Readines	ss Center	4,682 m2	(50,401 SF)	1975
	AR Richmond	- RICHMON	ND	5.00 miles	Readines	ss Center	4,211 m2	(45,330 SF)	1989
7.	PROJECTS REQUESTED	D IN THIS	PROGRAM						
	CATEGORY						COST	DESIGN	STATUS
	CODE PROJECT	TITLE			SCO	PE	(\$000)	START	CMPL
	17142 NATIONA	L GUARD/E	RESERVE CE	9,795 1	m2 (105,	434 SF)	29,000	FEB 2014	AUG 2015
_									
8.	STATE GUARD/RESER	VE FORCES	FACILITI	ES BOARD REC	COMMENDAT	ION			
	FACILITIES IDENTIF	FIED IN I	TEM #6 HA	VE BEEN EXAM	MINED BY	THE STATE	RESERVE FORCES	12 AU	JG 2014
	FACILITIES BOARD I	FOR POSSI	BLE JOINT	USE/EXPANS	ON. THE	BOARD RECO	MMENDATIONS ARE	([Date)
	JOINT CONSTRUCTION	ν.							
	TAND AGOITGETON I	DECLITRED							
١,,	LAND ACQUISITION I	KEÕOIKED							
l	None								0
								(Number of	acres)
\vdash									
110	. PROJECTS PLANNED	IN NEXT.	FOUR YEAR	S					
10	. PROJECTS PLANNED	IN NEXT	FOUR YEAR	S					COST
10	CATEGORY		FOUR YEAR	S			CCOPE		COST
10			FOUR YEAR	S			SCOPE		COST (\$000)
10	CATEGORY CODE PROJECT		FOUR YEAR	S			SCOPE		
10	CATEGORY		FOUR YEAR	S			SCOPE		
10	CATEGORY CODE PROJECT NONE	TITLE			ZATION (S	RM):			
10	CATEGORY CODE PROJECT	TITLE			ZATION (S	RM):			
10	CATEGORY CODE PROJECT NONE	TITLE ENT, REST	CORATION,	AND MODERNI2			900	PROPOSED PR	(\$000)
10	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME	TITLE ENT, REST BEEN COM	CORATION,	AND MODERNI2			900	PROPOSED PR	(\$000)
	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	TITLE ENT, REST BEEN COM	ORATION, IPLETED AN	AND MODERNIZ D THE SITE 1			900	PROPOSED PR	(\$000)
	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS	TITLE ENT, REST BEEN COM	ORATION, IPLETED AN	AND MODERNIZ D THE SITE 1			900	PROPOSED PR	(\$000)
	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	TITLE ENT, REST BEEN COM	ORATION, IPLETED AN	AND MODERNIZ D THE SITE 1			900	PROPOSED PR	(\$000)
	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	TITLE ENT, REST BEEN COM	ORATION, IPLETED AN	AND MODERNIZ D THE SITE 1			900 STRUCTION OF THE	PROPOSED PR	(\$000)
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	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED	TITLE ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED (2)	ES SUITAB		900 ISTRUCTION OF THE GU TOTAL 104	JARD/RESERVE OFFICER 24	(\$000) ROJECT AT ENLISTED 80
11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGY AUTHORIZED ACTUAL	TITLE ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED (2)	ES SUITAB		900 ISTRUCTION OF THE GU TOTAL 104	JARD/RESERVE OFFICER 24	(\$000) ROJECT AT ENLISTED 80
11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED	TITLE ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED (2)	ES SUITAB		900 ISTRUCTION OF THE GU TOTAL 104	JARD/RESERVE OFFICER 24 72	(\$000) ROJECT AT ENLISTED 80 114
11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINMI A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGY AUTHORIZED ACTUAL . RESERVE UNIT DATA	TITLE ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED (21 21	CIVILIAN 38 38	LE FOR CON	900 ISTRUCTION OF THE GU TOTAL 104 186	JARD/RESERVE OFFICER 24 72 STREN	(\$000) ROJECT AT ENLISTED 80 114
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11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGE AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (HQ ARMY ELE JFHQ)	ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77 A	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED (21 21 21 UIC W93RAA	CIVILIAN 38 38	LE FOR CON	900 ISTRUCTION OF THE GU TOTAL 104 186 MTOE/TDA NGW93RAA	JARD/RESERVE OFFICER 24 72 STREN AUTHORIZED 0 84 20	(\$000) ROJECT AT ENLISTED 80 114 NGTH 2 ACTUAL 87 79 20
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11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (HQ ARMY ELE JFHQ- CO B (BN BSB IBCT HQS, VAANG (ANG)	ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77 A -VA) ABN)	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED 9 21 21 21 UIC W93RAA WZGEBO F8BJOJ	CIVILIAN 38 38	LE FOR CON	900 ISTRUCTION OF THE GU TOTAL 104 186 MTOE/TDA NGW93RAA	JARD/RESERVE OFFICER 24 72 STREN AUTHORIZED 0 84 20	(\$000) ROJECT AT ENLISTED 80 114 NGTH 2 ACTUAL 87 79 20 0
11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (HQ ARMY ELE JFHQ- CO B (BN BSB IBCT HQS, VAANG (ANG)	ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77 A -VA) ABN)	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED 9 21 21 21 UIC W93RAA WZGEBO F8BJOJ	CIVILIAN 38 38	LE FOR CON	900 ISTRUCTION OF THE GU TOTAL 104 186 MTOE/TDA NGW93RAA	JARD/RESERVE OFFICER 24 72 STREN AUTHORIZED 0 84 20	(\$000) ROJECT AT ENLISTED 80 114 NGTH 2 ACTUAL 87 79 20 0
11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (HQ ARMY ELE JFHQ- CO B (BN BSB IBCT HQS, VAANG (ANG)	ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77 A -VA) ABN)	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED 9 21 21 21 UIC W93RAA WZGEBO F8BJOJ	CIVILIAN 38 38	LE FOR CON	900 ISTRUCTION OF THE GU TOTAL 104 186 MTOE/TDA NGW93RAA 63335RNG70	JARD/RESERVE OFFICER 24 72 STREN AUTHORIZED 0 84 20	(\$000) ROJECT AT ENLISTED 80 114 NGTH 2 ACTUAL 87 79 20 0 186
11	CATEGORY CODE PROJECT NONE DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION (HQ ARMY ELE JFHQ- CO B (BN BSB IBCT HQS, VAANG (ANG)	ENT, REST BEEN COM F INDICAT TH AS OF TOTAL 77 77 A -VA) ABN)	OFFICER 18	AND MODERNIZ D THE SITE 1 14 NENT ENLISTED 9 21 21 21 UIC W93RAA WZGEBO F8BJOJ	CIVILIAN 38 38	LE FOR CON	900 ISTRUCTION OF THE GU TOTAL 104 186 MTOE/TDA NGW93RAA 63335RNG70	JARD/RESERVE	(\$000) ROJECT AT ENLISTED 80 114 NGTH 2 ACTUAL 87 79 20 0 186

ARNG	MILITARY CONSTRUCTIO	N	02 FEB 2015
INSTALLA	TION AND LOCATION	4.	AREA CONSRUCTIO
Richmond	INSNO= 51C00		COST INDEX
Virginia			.91
. MAJOR E	QUIPMENT AND AIRCRAFT		
	TYPE	AUTHORIZED	ACTUA
	WHEELED	38	3
	TRAILERS	28	2
	TRACKED	0	
	EQUIPMENT > 30 FT	6	
	Fuel Truck	0	
	HET	0	
	TOTALS	72	7
	TOTALD	72	,
OUTSTANI	DING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)	
	A. AIR POLLUTION	0	
	B. WATER POLLUTION	0	
	C. OCCUPATIONAL SAFETY AND HEALTH	0	

C									
1. COMPONENT		0016						2. 1	DATE
		FY 2016 MILITA	RY (CONSTR	UCTION PRO	DJECT	DATA		
ARNG 3. INSTALLATION AND LO	CA DI CAI				4. PROJEC	m m m m n		0	2 FEB 2015
	CATION								
Richmond						AL GUA	RD/RESEF	RVE CENT	ER BUILDING
Virginia 5. PROGRAM ELEMENT		6. CATEGORY CODE		7 PROJ	(JFHQ) ECT NUMBER		8 DROJE	CT COST (\$	000)
J. FROGRAM EDEMENT		U. CATEGORI CODE		7. FROO			O. PROOF	CI CODI (P	000)
0505896A		17142			85638 510065		3	2	9,000
0303690A		1/142	0 (COST EST			Approp		9,000
	ITEM		1						
PRIMARY FACILITY			UM	(M/E)	Qt	JANTITY		UNIT COST	COST(\$000) 23,488
17142 NG/RC BLDG			m 2	(SF)	0 513) / 1	02,401)	2,00	1
44224 Unheated S		a Building	1	(SF)	281.7		3,033)	l	•
81160 Backup/Eme			EA			, (L	3,033)	180,00	·
81122 Electric P			EA			L		199800	· ·
82187 Heating Pl			EA		87	=		17,20	•
_		Energy Measures	LS						(461)
SUPPORTING FACIL		dicigy readured							3,607
Electric Service			LS						(161)
Water, Sewer, Ga			LS						(471)
Paving, Walks, C		And Gutters	LS						(610)
Storm Drainage			LS						(250)
Site Imp(705) De	mo()		LS						(705)
Information Syst			LS						(74)
_	Antiterrorism Measures								(214)
Other			LS						(1,122)
ESTIMATED CONTRA	CT CO	ST							27,095
CONTINGENCY (5.0	0왕)								1,355
SUBTOTAL									28,450
SUPV, INSP & OVE	RHEAD	(3.50%)							996
TOTAL REQUEST									29,446
Other Non-DoD Co	mpone	nt Share							446
TOTAL FEDERAL RE									29,000
TOTAL FEDERAL RE									29,000
INSTALLED EQT-OT									(2,191)
10. Description of Pro									
Building Joint F									
following items									
Storage Building	, Hea	ting Plant (Geoth	erm	al) ar	nd Electri	c Powe	er (Phot	ovoltai	c). This
facility will be									
Federal building		-							
include all util									
roads, walks, cu									
vehicles, and si									
years in accorda									
energy efficienc									
ASA(IE&E) Sustai	nable	Design and Devel	mqo.	ent Po	olicy Upda	te De	2013.	Access	for
individuals with									
		errorism for buil							
		1 SQFT for 1 SQFT							
SQFT. Disposal o	f 5 b	uildings at Sands	ton	Read	iness Cent	er, V	A (Total	576 m2	/6,200 SF),
		ort Pickett, VA (Tot	al 9,4	431 m2/101	,518	SF). Ai	r Condi	tioning
(Estimated 1,203	kWr/	342 Tons).							
11 000 0 00	F	3505			210215		TD CEED :		310277
11. REQ: 9,79	5 m2	ADQT:			NONE	SI	JBSTD:		NONE

1. COMPONENT					2. DATE
	FY 2016 MILITA	RY CONSTRUC'	TION PROJECT D	DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Richmond Virginia			NATIONAL GUAR	D/RESERVE C	ENTER BUILDING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17142		638 .0065	Approp	29,000

PROJECT: To construct a 105,802 sf National Guard / Reserve Center Building that supports training, administrative, and logistical requirements for the VAARNG. This facility will be built on Federal land. The ANG has a \$1,022,000 joint share for this project and the State of VA has a \$446,000 share based on sole use space. (Current Mission)

REQUIREMENT: The facility is required to replace 1950s vintage facilities at Defense Supply Center - Richmond (DSC-R)that house the Soldiers of Company B, 429th Brigade Support Battalion (UIC: WZGEB0) and provide space to re-station the Soldiers of Army Element, Joint Force Headquarters - Virginia (-)(UIC: W93RAA); Airmen of Headquarters, Virginia Air National Guard (UIC: F8BJ01) and 5 state employees of Virginia Department of Military Affairs (UIC: VASTAT) currently stationed in Sandston, Virginia. facility at DSC-R is over 100% utilized and does not provide space necessary to effectively support unit operations including critical components, such as classrooms, assembly hall, and locker room. The facility at Sandston is over 100% utilized and does not provide space necessary to effectively support the command, control and communication mission of the Army Element, Joint Force Headquarters - Virginia (-), including general administrative space necessary for staff coordination functions, unit storage space, including locker room space, necessary to adequately safeguard Federal property, and adequate space to support the Virginia National Guard IT and communication requirement as well as the capability to coordinate with external agencies supporting homeland security and defense support to civilian agency missions.

CURRENT SITUATION: This project is critical to the state of Virginia due to the current situation of the existing Sandston Armory site does not provide adequate space for the units stationed there. Btry A, 1st Bn, 111th Fld Arty soldiers, including Full Time Manning, must use a building that was initially constructed to house a FireFinder Radar; the building does not have adequate latrines and the soldiers must use portable latrines. The facility at Defense Supply Center - Richmond occupied by Co B, 429th Bde Spt Bn was constructed in 1950. It has not been renovated or updated to keep pace with Army transformationand modernization. Overcrowding exists because the unit is located in the same compound as the VAARNG CSMS which results in incompatible activities in a relatively small, confined area on Defense Supply Center - Richmond. This creates a situation where neither the CSMS nor Co B, 429th Bde Spt Bn has adequate space to support the state surface equipment maintenance mission or the unit administrative, logistical or training missions.

The facilities currently supporting this mission were built in 1950 and 1990 and do not comply with NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with disabilities Act (ADA), Anti-terrorism Force Protection (ATFP) requirements. The current facilities lack the training area, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military vehicle parking, and unheated storage space. Renovation is not viable because there are no existing facilities in the Richmond, Virginia Metropolitan Area that can support the requirement for a Joint Force Headquarters - Virginia Armed Forces Readiness Center and readiness center requirements for Co B, 429th Bde Spt Bn.

PAGE NO. 86 PREVIOUS EDITION IS OBSOLETE DD FORM 1391C, JUL 1999

1. COMPONENT					2. DATE
	FY 2016 MILITAR	Y CONSTRUCT	TION PROJECT DAT	ΓA	
ARNG					02 FEB 2015
3. INSTALLATION AND LO	CATION		4. PROJECT TITLE		
Richmond Virginia			NATIONAL GUARD/	RESERVE CI	ENTER BUILDING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER 8.	. PROJECT COST	(\$000)
0505896A	17142		638 0065 Ag	oprop	29,000

CURRENT SITUATION: (CONTINUED)

The Army Element of the Joint Force Headquarters - Virginia; along with Headquarters, Virginia Air National Guard; Virginia Department of Military Affairs and Btry A, 1st Bn, 11lth Fld Arty are housed in the Sandston Armory readiness center. Co B, 429th Bde Spt Bn is housed at Defense Supply Center - Richmond along with the VAARNG Combined Support Maintenance Shop (CSMS). Neither site provides adequate training area, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military vehicle parking, and unheated storage space for the units stationed at these two sites.

The State of Virginia has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of Virginia.

Currently, the state of Virginia has begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1950.

Site Site Cat FACNO ISR-I F Local Code UID Code Year Rating Rating Name 51415 7162 17180 00001 2013 02 C4 Sandston

The total required readiness center space necessary to support the Joint Force Headquarters - Virginia and Co B, 429th Bde Spt Bn mission is 115,821 sf; the buildings currently occupied by the two units provide 66,994 sf or 58% of the requirement. Having 58% of the required space equates to a C4 ISR-I rating.

IMPACT IF NOT PROVIDED: If this project is not provided the Army Element of the Joint Force Headquarters - Virginia and Btry A, 1st Bn, 111th Fld Arty will remain housed in inadequate facilities at Sandston Armory. The Joint Force Headquarters - Virginia facilities will be inadequate to serve as the senior National Guard Joint command and control element for the Army and Air National Guard units assigned to Virginia which has the potential to degrade overall readiness of the Virginia National Guard. Btry A, 1st Bn, 111th Fld Arty soldiers will continue to work from a FireFinder Radar building that fails to provide minimum administrative, logistical, operational or maintenance space or latrines. Co B, 429th Bde Spt Bn will continue to be housed in buildings that were constructed in the early 1950s and not designed to support current operational demands of a transformed and modern Army National Guard. Additionally, Co B, 429th Bde Spt Bn will continue to share space with the VAARNG CSMS which creates a situation where unit administrative, logistical, operational and training activities are occurring in close proximity to large scale surface equipment maintenance activities. The close proximity of these two activities is a detriment to both.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Richmond Virginia			NATIONAL GUAR	D/RESERVE C	ENTER BUILDING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17142		638 0065	Approp	29,000

ADDITIONAL: (CONTINUED)

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Design Start Date	FEB	2014
(b)	Percent Complete as of January 2015		35
(c)	Date 35% Designed	JAN	2015
(d)	Date Design Complete	AUG	2015
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: NO

(3)	Tota	al Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$:	(\$000)
	(a)	Production of Plans and Specifications	1,626
	(b)	All Other Design Costs	921
	(c)	Total Design Cost	2,547
	(d)	Contract	2,547
	(e)	In-house	0
(4)	Cons	struction Contract Award	MAR 2016

1 COMPONENTE				To pamp
1. COMPONENT				2. DATE
	FY 2016 MIL	ITARY CONSTRUCTION PR	OJECT DATA	
ARNG				02 FEB 2015
3. INSTALLATION AND LOCAT	TION	4. PROJEC	CT TITLE	
Richmond		NATION.	AL GUARD/RESERVE (CENTER BUILDING
Virginia		(JFHQ)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
	İ	85638		
0505896A	17142	510065	Approp	29,000
0303030A		310003	Approp	20,000
10 011001 0110101		,		
12. SUPPLEMENTAL	•			
A. Estimated	Design Data: (COM	NTINUED)		
(E) Const	-rugtion Start			APR 2016
(5) Collst	Judition Start		• • • • • • • • • • • •	APR 2010
(6) Const	cruction Completion	on		MAR 2018
B. Equipment	associated with t	this project which wil	ll be provided fro	om
other appropria		1 3	-	
			Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
F F & E		OMNG	2017	1,350
ESS (171R)		OPA	2017	54
Kitchen Equipme	ent (Type C)	OMNG	2017	50
Info Sys - ISC		OPA	2017	357
Info Sys - PROP		OMNG	2017	381
			Total	2,191
				,

CFMO Phone Number:

434-298-6423

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Yakin Washi FREQU Suppo OTHER ARNG AR DOD PROJE CATEG CO 72114	na ington JENCY AND TYPE ort logistical R ACTIVE/GUARI Yakima Tra Armed Fore Yakima Tra ECTS REQUESTER GORY DE PROJECT	E OF UTIL and ope: O/RESERVE aining Ce ces Reser aining Ce	rational ac INSTALLATI ent 0 eve 0 ent 0	etivities for ONS WITHIN 15	training 294 d MILE RADIUS adiness Center AR Center	2,399 m2	COST INDE	EX .07
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Support OTHER ARNG AR DOD PROJE CATEGO 72114	UENCY AND TYPE OFT logistical R ACTIVE/GUARE Yakima Tra Armed Fore Yakima Tra ECTS REQUESTER GORY DE PROJECT	and ope: O/RESERVE aining Ce ces Reser aining Ce	rational ac INSTALLATI ent 0 eve 0 ent 0	ONS WITHIN 15	MILE RADIUS adiness Center AR Center	2,399 m2	(25,821 SF)	
Suppo OTHER ARNG AR DOD PROJE CATEGO 72114	PROJECT PROJECT PROJECT PROJECT PROJECT	and ope: O/RESERVE aining Ce ces Reser aining Ce	rational ac INSTALLATI ent 0 eve 0 ent 0	ONS WITHIN 15	MILE RADIUS adiness Center AR Center	2,399 m2		1994
OTHER ARNG AR DOD CATEGO 72114	Yakima Tra Armed Fore Yakima Tra Yakima Tra ECTS REQUESTER GORY DE PROJECT	D/RESERVE aining Ce ces Reser aining Ce	INSTALLATI ent 0 eve 0 ent 0	ONS WITHIN 15	MILE RADIUS adiness Center AR Center	2,399 m2		1994
ARNG AR DOD PROJE CATEGO 72114	Yakima Tra Armed Fore Yakima Tra ECTS REQUESTER GORY DE PROJECT	aining Ce ces Reser aining Ce	ent 0 rve 0 ent 0	0.00 miles Rea	adiness Center AR Center			1994
AR DOD PROJE CATEG CO 72114	Armed Fore Yakima Tracects REQUESTER GORY DE PROJECT	ces Reser	rve 0	0.00 miles USA	AR Center			1994
DOD PROJECT CATEGO CO 72114	Yakima Tra ECTS REQUESTER GORY DE PROJECT	aining Ce	ent 0			824 m2		エンフェ
. PROJECT CO 72114	ECTS REQUESTER GORY DE PROJECT			0.00 miles Bas			(8,873 SF)	2010
CATEG CO 72114	GORY DE PROJECT) IN THIS	PROGRAM		se	9,290,300 m2	(99,999,999	SF)1940
CATEG CO 72114	GORY DE PROJECT) IN IHIS						
	DE PROJECT		_ 1.0 0111111			COST	DEGLON OF	ראידור
72114		מ דיידידיי			SCOPE			CMPL
	ENLISIE.		е фрамет	5 004 m2		(\$000)		
STATE		DAKKACK	J, IKANSI	5,084 m2	(54,722 SF)	T9,000	MAY 2012 M	AR 2015
	E GUARD/RESERV	7E FORCES	FACILITIES	BOARD RECOMM	ENDATION			_
FACII	LITIES IDENTIF	FIED IN I	TEM #6 HAVE	BEEN EXAMINE	D BY THE STATE	RESERVE FORCES	16 JUL	2014
FACII	LITIES BOARD F	OR POSSI	BLE JOINT U	SE/EXPANSION.	THE BOARD REC	OMMENDATIONS ARE	(Dat	ce)
UNILA	ATERAL CONSTRU	JCTION.						
. LAND	ACQUISITION F	REQUIRED						
None								0
							(Number of a	
	JECTS PLANNED	IN NEXT	FOUR YEARS					G0.0T
CATE		n. m. n.				GGODE		COST
COI	DE PROJECT	LITLE				SCOPE		(\$000)
NONE								
NONE								
DEFER	RRED SUSTAINME	ENT, REST	ORATION, AN	D MODERNIZATI	ON (SRM):	6,051		
Δ ST ^r	PE SIIRVEV HAS	BEEN COM	DI.ETED AND	THE SITE IS S	HITTARLE FOR CO	NSTRUCTION OF THE	DRODOSED DRO	TECT AT
	ESTIMATED COST			1111 0111 10 0	OTTREBE TOR CO.	NOTROCITON OF THE	THOTOGED THOS	7201 111
l. PERS	SONNEL STRENGT	TH AS OF	29 DEC 2014	:				
			DEDMANE	NTT		CT	IADD/DECEDIJE	
		TOTAL	PERMANE			TOTAL	JARD/RESERVE	MI TOWED
אנוחווי	OD T ZEID	31	OFFICER E	NLISTED CIVI	0	101AL	OFFICER EN	NLISTED 86
ACTUA	ORIZED	20	3	11	6	93	19	74
ACTUR	411	20	3	11	0	93	19	74
		<u> </u>						
) REGI	מדעה דומון TVS	-					STRENG	ΓH
2. RESE	ERVE UNIT DATA			UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL
							65	54
UNIT	DESIGNATION	ERN LDRS	HIP TN)		66751	NGW8FFAA		51
<u>UNIT</u>	DESIGNATION (GS) (HQ WEST			W8FFA1	66751 66751	NGW8FFAA NGW8FFAA		25
UNIT 1/20 2ND E	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26	25 14
UNIT 1/20 2ND E	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1			26 14	14
UNIT 1/20 2ND E	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26	
UNIT 1/20 2ND F	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26 14 105	93
UNIT 1/20 2ND F	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26 14	93
UNIT 1/20 2ND E	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26 14 105	93
UNIT 1/20 2ND F	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26 14 105	93
UNIT 1/20 2ND E	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26 14 105	93
UNIT 1/20 2ND F	DESIGNATION (GS) (HQ WEST	(HQ WEST		W8FFA1 W8FFA2	66751	NGW8FFAA	26 14 105	93

COMPONENT	FY 2016 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		02 FEB 2015
INSTALLATION AND L	OCATION		4. AREA CONSRUCTIO
Yakima	INSNO= 53C15		COST INDEX
Washington			1.07
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE	AIRCRAFT	AUTHORIZEI	D ACTUA
WHEELED)
TRAILERS		(
TRACKED		(
EQUIPMENT)
Fuel Truc	k	()
HET			<u></u>
TOTALS		()
OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
OUIDIIMDING TOLLO	TION THE SHITT BELLETINGTED	(\$000)
A. AIR PC	I.I.ITTON	(\$000)	
	POLLUTION	(
C. OCCUPA	TIONAL SAFETY AND HEALTH	(J

1. COMPONENT									2. DA	TE
	F	Y 2016 MILITA	RY	CONSTR	RUCTIO	N PROJEC	r data			
ARNG									02	FEB 2015
3. INSTALLATION AND LO	CATION				4.	PROJECT TITI	LE			
Yakima Washington					EN	LISTED BA	ARRACKS, '	TRANS	IENT	TRAINING
5. PROGRAM ELEMENT	6. CA	ATEGORY CODE		7. PROJ	ECT NUM	BER	8. PROJE	CT COST	(\$00	0)
					84607	1				
0505896A 72114					53004	1	Approp		19	,000
			9.	COST EST	IMATES					
	ITEM		UM	M (M/E)		QUANTIT	Y	UNIT (COST	COST(\$000)
PRIMARY FACILITY										14,141
72114 Billets			m2	(SF)	4	4,322 (-	1	476	(10,700
17120 Educationa		У	m2	(SF)	1	72.52 (1,857)	1	476	(427
72212 Dining Fac			m2	(SF)	58	89.28 (6,343)	4,	229	(2,492
		gy Measures	LS						.	(273
Additional	ATFP		LS						.	(249
SUPPORTING FACIL										2,901
Electric Service			LS						-	(134
Water, Sewer, Ga			LS						.	(422
Paving, Walks, C	urbs And	Gutters	LS						.	(506
Storm Drainage			LS						.	(206
Site Imp(1,251)			LS						٠	(1,251
Information Syst			LS						٠	(92
Antiterrorism Measures			LS						.	(102
Other			LS							(188
ESTIMATED CONTRA										17,042
CONTINGENCY (5.0	0%)									852
SUBTOTAL										17,894
SUPV, INSP & OVE	RHEAD (6.	18%)								1,106
TOTAL REQUEST										19,000
TOTAL FEDERAL RE										19,000
TOTAL FEDERAL RE										19,000
INSTALLED EQT-OT			<u> </u>	7 7	L ,		1 5 1			(1,631
10. Description of Pro										Facility of
permanent constr										
are integral to		_			_	_	_			
This facility wi										
and Federal buil										
utility services		-					_			
curbs, gutters,										
designed to a mi										
Code (UFC 1-200-										
building systems										ment Policy
Update Dec 2013.							_			
Antiterrorism me										_
standards will b										
disposal policy										
Murray, WA (Tota										
m2/100 SF), 5 bu buildings at Top										
(Estimated 570 k			⊥,	MW (T)	Juai 2	.,⊥∪ 1 111∠/	46 CFU, 45	, . F	711 (
(ESCIMACEU 3/0 K	**±/±0Z 10	1110 / •								
11. REQ: 5,08	4 m2	ADQT:			NONE		SUBSTD:			NONE

PROJECT:

To construct 54,722 SQFT of Enlisted Barracks, Transient Training, Educatioanl

1. COMPONENT					2. DATE
	FY 2016 MILITARY	CONSTRUC	TION PROJEC	CT DATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TI	TLE	•
Yakima Washington			ENLISTED E	BARRACKS, TRAN	NSIENT TRAINING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT CO	OST (\$000)
0505896A	72114	_	.607 .0041	Approp	19.000

PROJECT: (CONTINUED)

Facility and a Dining Facility, Transient Training that supports TRADOC requirements for WAARNG Regional Training Institute. The total number of enlisted beds in this project is 128. This project was authorized in the FY 2015 National Defense Authorization Act at \$19 million but no funds were appropriated for the project. The FY 2016 President's Budget submission includes a request for appropriation. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: The WAARNG RTI requires TRADOC Standard approved barracks to maintain their accreditation. The WAARNG has no TRADOC approved barracks space and must construct them to maintain the accreditation of the RTI and to meet transient student soldier billeting load. The WAARNG has a extremely limited Barracks space which is documented in RPLANS.

CURRENT SITUATION: This project is critical to the state of Washington due to the current situation of The WAARNG does not have adequate barracks space to house RTI transient student loads at Redmond or Yakima Training Center (YTC) and the YTC barracks have also been rated by TRADOC as substandard. Fort Lewis the nearest Army base which is 145 miles away and on the other side of a mountain range with snow and ice problems from YTC and its facilities are currently at maximum to above full capacity. Due to the lack of space and condition of existing barracks, the RTI students (WOCS/NCOES/OCS)are currently billeted at Redmond, Fort Lewis and Yakima Training Center (YTC) barracks, or housed off base in commercial hotels at government expense, or a combination of all four.

The State of Washington has conducted a preliminary design on this project and is currently at 95 % Design.

The site for this project is in the possession of the state of Washington.

Currently, the state of Washington has completed the environmental assessment on this project.

There currently is no facility to complete the mission.

Due to the lack of facilities, WAARNG must utilize commercial billeting and commerical feeding to meet the operational needs of the schools. Transportation for students to and from the school house for sleeping and meals is costly in terms of both dollars and time. Cadre lose valuable training time with their students in order to facilitate the transportation of Soldiers to and from meals and billeting.

Site Site Cat FACNO ISR-I F Q C Local Code UID Code Year Rating Rating Name 72114 C4 No Facility

When available to use, the World War II Barracks at Yakima Training Center are considered substandard by TRADOC. They do not meet most current Federal, State and or local codes regarding electrical and plumbing.

IMPACT IF NOT PROVIDED: The WAARNG RTI will continue to be cited for billeting

1. COMPONENT					2. DATE
	FY 2016 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Yakima Washington			ENLISTED BARR	ACKS, TRANS	IENT TRAINING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	72114		607 0041	Approp	19,000

IMPACT IF NOT PROVIDED: (CONTINUED)

facilities not meeting TRADOC standards in annual inspections. Billeting and dining facilities not located at YTC greatly impact the NCOES/WOCS and OCS programs. If these billets and dining facility are not funded this will negatively impact the WAARNG RTI's ability to compete for courses it would otherwise be completely qualified to deliver. Lack of billeting and dining facilities cost the government more money to house and feed Soldiers in commercial facilities off post. Currently, the WAARNG is transporting Soldiers twice a day, to and from, hotels and restaurants. Logistically this becomes a training distracter and hindrance as additional time and funds are expended.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and additional protective measures, above the minimum required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings), are needed to mitigate the threat. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Design Start Date	MAY	2012
(b)	Percent Complete as of January 2015		95
(c)	Date 35% Designed	JUN	2013
(d)	Date Design Complete	MAR	2015
(e)	Parametric Cost Estimating Used to Develop Costs		NO
/ £ \	Manage of Designs Controlly Designs hid build		

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

ARNG INSTALLATION A						2. DATE
		FY 2016 MILIT	TARY CONSTRUCT	'ION PROJ	ECT DATA	02 FEB 2015
INSTALLATION AND LOCATION 4. PROJECT TITLE						02 120 2015
kima						
shington PROGRAM ELEMEN	T.	6. CATEGORY CODE	7. PROJECT		BARRACKS, TRAN	
PROGRAM EDEMEN	1	O. CATEGORI CODE		507	o. FROSECT CO.	51 (\$000)
05896A		72114	_	0041	Approp	19,000
	ENTAL DAT	•	_			
A. ESLI		sign Data: (CONT cumented during		ian		
	400	camencea during	the linal des	1911.		
(2)	Basis:					
, ,	(a) Sta	andard or Defini	tive Design:	NO		
(3)	Total De	esign Cost (c) =	(a)+(b) OR (d)+(e):		(\$000)
	(a) Pro	oduction of Plan	s and Specifi	cations.		1,020
		l Other Design C				578
		tal Design Cost.				1,598
	` '	ntract				1,598
	(e) In-	-house				0
(4)	Construc	ction Contract A	ward	• • • • • • • • • • • • • • • • • • •		MAR 2016
(5)	Construc	ction Start				APR 2016
(6)	Construc	ction Completion				APR 2018
B. Equi	oment as:	sociated with th	is project wh	ich will	be provided from	om
other app	ropriation	ons:				
Equipment Nomenclat	ure		Procuring Appropria		Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E			OMNG		2017	950
Kitchen E		(Type C)	OMNG		2017	100
			OPA OMNG		2017 2017	326 256
Info Sys			OMING		2017	230
Info Sys Info Sys	1101					

253-512-8702

CFMO Phone

Number:

1. COMPONENT					2. DA	ATE	
	FY 2016 MILITA	RY CONST	RUCTION PROJE	ECT DATA			
ARNG	1 2020 112211	001.01		201 211111	0.2	FEB 2015	
3. INSTALLATION AND LO	CATION		4. PROJECT T	TITLE			
Minor Constructi							
Minor Constructi Worldwide Unspec			IIngnegi fi	ied Minor C	ongtrugti	ion	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7 PR(OJECT NUMBER		CT COST (\$00		
5. TROGICET BEBRENT	o. childoni cobi	7. 110		0. 11001	.c1 cob1 (\$00	,,,	
	00000		86756		1 -	15 000	
	00000		0	Approp		5,000	
		9. COST ES	STIMATES				
1.0000 U.S. DOLL		UM (M/E)	QUANT	FITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY	-					15,000	
00000 Unspecifie	d Minor Construction	LS	-			(15,000)	
	TETTE						
SUPPORTING FACIL	TTIES						
ESTIMATED CONTRA	CT COST					15,000	
CONTINGENCY (0.0	0%)						
SUBTOTAL						15,000	
SUPV, INSP & OVE	RHEAD (0.00%)						
TOTAL REQUEST						15,000	
TOTAL FEDERAL RE	OUEST					15,000	
INSTALLED EQT-OT						(0)	
10. Description of Pro		l ified M	<u> </u> inor Military	Congtrugti	on (IIMMC		
	ding cost of \$3,000,00						
_	rmanent or temporary f						
The funded cost	limit can be \$4,000,00	0 if the	e project is	intended so	olely to	correct a	
deficiency that	is life, health, or sa	fety th	reatening.				
11. REQ:	NONE ADQT:		NONE	SUBSTD:		NONE	
PROJECT: For U	inspecified Minor Milit	ary Cons	struction (UM	MC) project	s		
REQUIREMENT: T	his line item is neede	d to pro	ovide for Uns	pecified Mi	nor Mili	tary	
	MC) Program projects f					_	
	e to be included in th				_		
Program.		IID HILLI	cary comperac	CIOII, IIIII	NCIONAL	daara	
1 ~	M: Those unforces	~~~ ~ ~ + .	a addmaga bia	h prioritio	a anab a	a amitiaal	
CURRENT SITUATION: These unforeseen projects address high priorities such as critical mission requirements, environmental protection, and life, health, or safety threatening							
					sarety t	nreatening	
	e projects cannot wait	until	the next budg	et			
submission.							
12. SUPPLEMENTA	L DATA:						
A. Estimate	ed Design Data:						
	(1) Status:						
(a)	Design Start Date						

(a) Production of Plans and Specifications	COMPONENT				2. DATE		
INSTALLATION AND LOCATION nor Construction ridwide Unspecified CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)		FY 2016 MILITARY	CONSTRUCTION PRO	JECT DATA			
### Construction ridwide Unspecified #### Unspecified ####################################	_						
Unspecified Unspecified Unspecified Minor Construction	INSTALLATION AND LOCA	TION	4. PROJECT	TITLE			
SUPPLEMENTAL DATA (CONTINUED) A. Estimated Design Data: (CONTINUED) (b) Percent Complete as of January 2015							
SUPPLEMENTAL DATA (CONTINUED) A. Estimated Design Data: (CONTINUED) (b) Percent Complete as of January 2015	ROGRAM ELEMENT	6. CATEGORY CODE		8. PROJECT COS	ST (\$000)		
SUPPLEMENTAL DATA (CONTINUED) A. Estimated Design Data: (CONTINUED) (b) Percent Complete as of January 2015		00000		7	15 000		
A. Estimated Design Data: (CONTINUED) (b) Percent Complete as of January 2015				Approp	15,000		
A. Estimated Design Data: (CONTINUED) (b) Percent Complete as of January 2015	SIIDDI.EMENTAI.	DATA (CONTINUED)					
(b) Percent Complete as of January 2015		<u> </u>	ו חי				
(c) Date 35% Designed					C		
(d) Date Design Complete	. ,						
(e) Parametric Cost Estimating Used to Develop Costs (f) Type of Design Contract: (2) Basis: (a) Standard or Definitive Design: NO (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications	` '						
(f) Type of Design Contract: (2) Basis: (a) Standard or Definitive Design: NO (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications	` '						
(2) Basis: (a) Standard or Definitive Design: NO (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications				elop Costs	NC		
(a) Standard or Definitive Design: NO (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications	(f)	Type of Design Contrac	it:				
(a) Standard or Definitive Design: NO (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications							
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications	(2) Basi	s:					
(a) Production of Plans and Specifications	(a)	Standard or Definitive	e Design: NO				
(a) Production of Plans and Specifications							
(b) All Other Design Costs	(3) Tota	.l Design Cost (c) = (a))+(b) OR (d)+(e):		(\$000)		
(c) Total Design Cost	(a)	Production of Plans an	nd Specifications		C		
(c) Total Design Cost	(b)	All Other Design Costs	3				
(d) Contract. (e) In-house. (4) Construction Contract Award. (5) Construction Start. (6) Construction Completion. B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriated Contract Award.	(c)	Total Design Cost					
(4) Construction Contract Award	(d)						
(4) Construction Contract Award	` ,	_					
(5) Construction Start	(0)	III IIGube					
(5) Construction Start	(4) Cong	truction Contract Award	1				
(6) Construction Completion B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriated Conference of the con	(4) Colls	crucción concract Award					
(6) Construction Completion B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Appropriated Conference of the con	(E) Cong	trustion Store					
B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Equipment Procuring Appropriated Control	(5) Cons	truction Start		• • • • • • • • • • •			
B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Equipment Procuring Appropriated Con	(6) 8						
other appropriations: Fiscal Year Equipment Procuring Appropriated Contact C	(6) Cons	truction Completion					
other appropriations: Fiscal Year Equipment Procuring Appropriated Contact C							
Fiscal Year Equipment Procuring Appropriated Con	B. Equipment	associated with this p	project which will	l be provided fro	om		
Equipment Procuring Appropriated Cos	other appropri	ations:					
	Equipment		Droguring		Cost		
	Equipment Nomenclature		Appropriation	Appropriated Or Requested	Cost (\$000)		
NONE NONE					(+030)		

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1. COMPONENT								2. DA	ΓE
		FY 2016 MILITA	RY	CONSTRU	CTION PROJE	CT DATA			
ARNG								02	FEB 2015
3. INSTALLATION AND LO	CATION				4. PROJECT T	ITLE		_	
Planning and Des Worldwide Unspec		ı.			Planning	and Desi	gn		
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJEC	T NUMBER	8. PF	ROJECT CO	OST (\$00	0)
				8	6757				
		00000		0		Appro	p	20	,337
			9.	COST ESTIM	ATES				
1.0000 U.S. DOLL	AR/US	\$ ITEM	UN	M (M/E)	QUANT	ITY	UNI	r cost	COST(\$000)
PRIMARY FACILITY									20,337
00000 Planning a	nd De	sign	LS		-	-			(20,337)
								İ	
SUPPORTING FACIL	ITIES								
ESTIMATED CONTRA	CT CO	ST							20,337
CONTINGENCY (0.0	0왕)								
SUBTOTAL								1	20,337
SUPV, INSP & OVE	RHEAD	(0.00%)						1	
TOTAL REQUEST								1	20,337
TOTAL FEDERAL RE								1	20,337
INSTALLED EQT-OT									(0)
10. Description of Pro					es for: par				
		nspecified minor				s; value	engin	eering	g; and the
development of s	tanda	rds and criteria	for	ARNG f	acilities				
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11. REQ:		ONE ADQT:		IN	ONE	SUBSTD	•		NONE
		nd design funds.	+ 15		do Dlannina	and Do	aian f	da /	'DCD\ for
		funds are require							
		Guard Military (
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_		criteria and sta							
		milar to any other							
		reflective of an							
		roject. Funds wil pport functions.							
		riew, reproduction							
		ent to final desi FY 2018. The fur							
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regulations.									
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1. COMPONENT						2. DATE		
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3. INSTALLATION AND	LOCATION							
Planning and De								
Worldwide Unspecified Planning and Design								
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT NUMBER					8. PROJECT COST	(\$000)		
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12. SUPPLEMENT	יית איי	7. •						
A. Estimat								
		sign Data:						
	tatus:	rion Chart Data						
•		sign Start Date						
•		cent Complete as of				0		
•		te 35% Designed						
((te Design Complete						
(•	e) Par	rametric Cost Estimat	ting Used	to Devel	op Costs	NO		
(:	f) Typ	e of Design Contract	t:					
(2) Ba	asis:							
(;	a) Sta	andard or Definitive	Design:	NO				
(3) To	otal De	esign Cost (c) = (a)-	+(b) OR (d	d)+(e):		(\$000)		
(;	a) Pro	duction of Plans and	d Specifi	cations		0		
(]	b) All	Other Design Costs				0		
((c) Tot	al Design Cost				0		
((d) Cor	ntract						
(6	e) In-	house						
·	•							
(4) Co	onstruc	ction Contract Award.						
(-)								
(5) C	onstruc	ction Start						
(3) &	onb cr ac	cton bearc						
(6) C	ongtruc	ction Completion						
(0) (0	ons er ae	cton completion						
		sociated with this pr	roject wh	ich will	be provided from	n		
other approp	priatio	ons:			Fiscal Year			
Equipment]	Procuring		Appropriated	Cost		
Nomenclature	e		Appropria		Or Requested	(\$000)		
			NONE					

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